





## CYH2 mouse mAb

projection, growth cone . Cell junction, tight junction . Cell junction, adherens junction . Both isoform 1 and isoform 2 are recruited to the cell membrane through		
Reactivity Human; Mouse;Rat  Applications WB  Gene Name CYTH2 ARNO PSCD2 PSCD2L  Protein Name CYH2  Immunogen Synthesized peptide derived from human CYH2 AA range: 156-206  Specificity This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,lgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane : Peripheral membrane protein . Cytoplasm . Cell projection . Cell projection , growth cone . Cell junction, tight junction . Cell junction, adherent junction , soft is association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity Widely expressed.  Function function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, similarity. Contains 1 SEC Johns in	Catalog No	YP-mAb-11521
Applications WB Gene Name CYTH2 ARNO PSCD2 PSCD2L Protein Name CYH2 Immunogen Synthesized peptide derived from human CYH2 AA range: 156-206 Specificity This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cell membrane ; Peripheral membrane protein . Cytoplasm . Cell projection . Cell projection , growth cone . Cell junction, tight junction . Cell junction, adherence in and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095) . In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas .  Tissue Specificity Widely expressed.  Function function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GPP with GTP, similarity. Contains 1 SEC domain . Subunit. Heteromer. Composed of GRASP, CYTH2 and at least one GRM1. Lissue specificity. Ubliquitious. Background The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homodogy (PH) domain. The coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homodogy (PH) domain. The coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homodogy	Isotype	IgG
Gene Name         CYTH2 ARNO PSCD2 PSCD2L           Protein Name         CYH2           Immunogen         Synthesized peptide derived from human CYH2 AA range: 156-206           Specificity         This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection, growth cone. Cell junction, tight junction. Cell junction, adherens junction. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARI-4A, ARI-4C and ARI-4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed: 17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.           Tissue Specificity         Widely expressed.           Function         function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, sim	Reactivity	Human; Mouse;Rat
Protein Name         CYH2           Immunogen         Synthesized peptide derived from human CYH2 AA range: 156-206           Specificity         This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         Cell membrane ; Peripheral membrane protein . Cytoplasm . Cell projection . Cell projection, growth cone . Cell junction, tight junction . Cell junction, adherens junction . Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas .           Tissue Specificity         Widely expressed.           Function         function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, similarity.Contains 1 PH domain, similarity.Contains 1 SEC7 domain, subunit:Heleromer.	Applications	WB
Immunogen         Synthesized peptide derived from human CYH2 AA range: 156-206           Specificity         This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection. growth cone. Cell junction, tight junction. Cell junction, adherens junction. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphonionsitides for targeting to plasma membrane (Public 173980951) differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas           Tissue Specificity         Widely expressed.           Function         function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, similarity:Contains 1 PH domain. similarity:Contains 1 SEC7 domain, similarity:Contains 1 SEC7 domain, similarity:Contains 1 SEC7 domain, and a C-terminal pleckstrin homology (PH) domain. The colled-coil motif, is novled in homodimy of homodime	Gene Name	CYTH2 ARNO PSCD2 PSCD2L
Specificity         This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection. Both isoform 2 and isoform 2 are recruited to the cell membrane through its association. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398995). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.           Tissue Specificity         Widely expressed.           Function         function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, similarity:Contains 1 SEC7 domain, subunit-Heteromer. Composed of GRASP, CYTH2 and at least one GRM1, tissue specificity:Ubiquitous.           Background         The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal cole	Protein Name	CYH2
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell membrane : Peripheral membrane protein . Cytoplasm . Cell projection . Cell projection . Gell junction . Ight junction . Cell junction , adherens junction . Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A , ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity Widely expressed.  Function function: Promotes guanine-nucleotide exchange on ARF1 , ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP , similarity: Contains 1 PH domain . similarity: Contains 1 SEC7 domain , submit-liteleromer. Composed of GRASP, CYTH2 and at least one GRM1. tissue specificity: Ubiquitous .,  Background The Description of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal colled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The Coiled-coil motif is involved in homodimerization, the Sec7	Immunogen	Synthesized peptide derived from human CYH2 AA range: 156-206
Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms           Observed Band         Cell membrane; Peripheral membrane protein, Cytoplasm, Cell projection, 2 cell projection, growth cone, Cell junction, tight junction, 2 cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.           Tissue Specificity         Widely expressed.           Function         function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP, similarity; Contains 1 PH domain, similarity; Contains 1 SEC7 domain, subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1, tissue specificity:Ubiquitous,           Background         The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal colled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7	Specificity	This antibody detects endogenous levels of CYH2 at Human/Mouse/Rat
Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-1:2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  Cell Pathway  Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection, growth cone. Cell junction, tight junction, Cell junction, adherens junction. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed: 17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity  Widely expressed.  Function  function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP_similarity:Contains 1 BEC7 domain.,subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1.,tissue specificity:Ubiquitous.,  Background  The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal colled-coll motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The colled-coil motif, is involved in homodimerization, the Sec7	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane : Peripheral membrane protein . Cytoplasm . Cell projection . Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas  Tissue Specificity Widely expressed.  Function function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain. similarity:Contains 1 SEC7 domain, subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1, tissue specificity:Ubiquitous.  Background The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal colled-coll motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PHH) domain. The colled-coli motif is involved in homodimerization, the Sec7	Source	Monoclonal, Mouse,IgG
Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane : Peripheral membrane protein . Cytoplasm . Cell projection . Cell projection, growth cone . Cell junction, tight junction . Cell junction, adherens junction . Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity Widely expressed.  Function function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1.,tissue specificity:Ubiquitous.,  Background The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7	Purification	, , , , , , , , , , , , , , , , , , , ,
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection, growth cone. Cell junction, tight junction. Cell junction, adherens junction. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity Widely expressed.  Function function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1.,tissue specificity:Ubiquitous.,  Background The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal colled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The colled-coil motif is involved in homodimerization, the Sec7	Dilution	WB 1:500-1:2000
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Cell Pathway  Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection. Cell projection, growth cone. Cell junction, tight junction. Cell junction, adherens junction. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. They require also interaction with phosphoinositides for targeting to plasma membrane (PubMed:17398095). In differentiating neuroblastoma cells, colocalizes with CCDC120 in both neurite shaft and growth cone areas.  Tissue Specificity  Widely expressed.  Function  function:Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Heteromer. Composed of GRASP, CYTH2 and at least one GRM1.,tissue specificity:Ubiquitous.,  Background  The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7	Storage Stability	-20°C/1 year
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this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7	Function	Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Heteromer. Composed of GRASP, CYTH2 and at least one
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domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The encoded protein exhibits GEP activity in vitro with ARF1, ARF3, and ARF6 and is 83% homologous to CYTH1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],

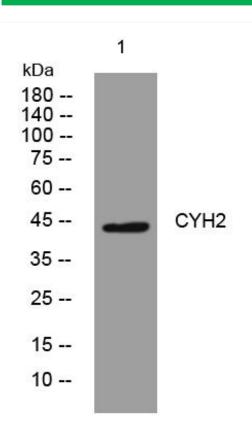
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using CYH2 mouse mAb