



CYH4 rabbit pAb

Catalog No	YP-Ab-09144
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	CYTH4 CYT4 PSCD4
Immunogen	Synthesized peptide derived from human CYH4 AA range: 150-200
Specificity	This antibody detects endogenous levels of CYH4 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Alpha-chymase;Chymase 1;Chymase 1 mast cell;chymase 1 preproprotein transcript E;chymase 1 preproprotein transcript I;Chymase;heart;mast cell;CMA1;CMA1_HUMAN;CYH;CYM;EC 3.4.21.39;Mast cell chymase 1;Mast cell protease 3;Mast cell protease 5;Mast cell protease I;Mast cell protease III;Mcp-5;MCP3P;Mcpt5;MCT1;MGC11989;MGC119891;MMCP-5;CYH4;CYTH4 CYT4 PSCD4
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane ; Peripheral membrane protein .
Tissue Specificity	Expressed predominantly in peripheral blood leukocytes.
Function	function:Promotes guanine-nucleotide exchange on ARF1 and ARF5. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,tissue specificity:Expressed predominantly in peripheral blood leukocytes.,
Background	This gene encodes a member of the PSCD family of proteins, which have 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 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family function as GEPs for ADP-ribosylation factors (ARFs), which are guanine nucleotide-binding proteins involved in vesicular trafficking pathways. This protein exhibits GEP activity in vitro with ARF1 and ARF5, but is inactive with ARF6. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015],

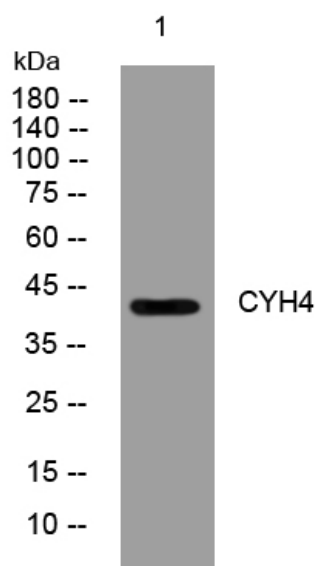
matters needing attention

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 lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night