



CLH2 mouse mAb

Catalog No	YP-mAb-11489
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CLTCL1 CLH22 CLTCL CLTD
Immunogen	Synthesized peptide derived from human CLH2 AA range: 893-943
Specificity	This antibody detects endogenous levels of CLH2 at Human
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	Clathrin heavy chain 2;Clathrin heavy chain on chromosome 22;CLH22;CLH-22;CLTCL;CLH2;CLTCL1 CLH22 CLTCL CLTD
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasmic vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Membrane, coated pit ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic face of coated pits and vesicles. .
Tissue Specificity	Maximal levels in skeletal muscle. High levels in heart and testis. Low expression detected in all other tissues.
Function	disease:May play a role in the hypotonia seen in velo-cardio-facial syndrome (VCFS).,domain:The C-terminal third of the heavy chains forms the hub of the triskelion. This region contains the trimerization domain and the light-chain binding domain involved in the assembly of the clathrin lattice.,function:Clathrin is the major protein of the polyhedral coat of coated pits and vesicles. Two different adapter protein complexes link the clathrin lattice either to the plasma membrane or to the trans-Golgi network.,similarity:Belongs to the clathrin heavy chain family.,subcellular location:Cytoplasmic face of coated pits and vesicles., subunit:Clathrin triskelions, composed of 3 heavy chains and 3 light chains, are



the basic subunits of the clathrin coat. In the presence of light chains, hub assembly is influenced by both the pH and the concentration of calcium.,tissue specificity:Maximal level

Background

This gene is a member of the clathrin heavy chain family and encodes a major protein of the polyhedral coat of coated pits and vesicles. Chromosomal aberrations involving this gene are associated with meningioma, DiGeorge syndrome, and velo-cardio-facial syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2009]

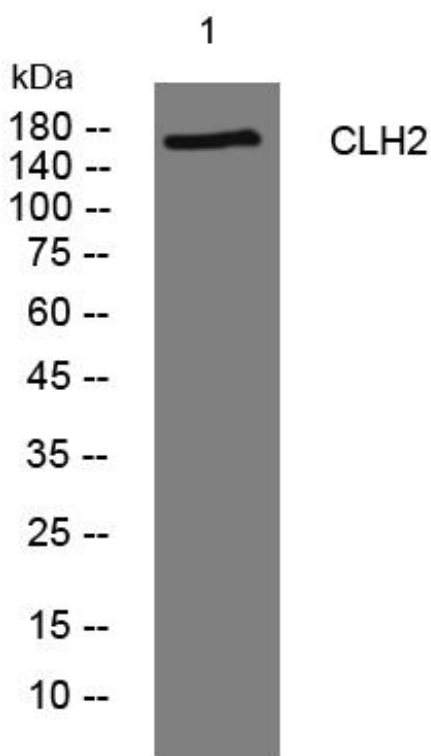
matters needing attention

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 CLH2 mouse mAb