CLH1 Polyclonal Antibody

Catalog No	YP-Ab-07652
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CLTC CLH17 CLTCL2 KIAA0034
Immunogen	Synthesized peptide derived from part region of human protein AA range: 482-532
Specificity	CLH1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CHC;CHC17;CLH-17;CLTCL2;Hc;MRD56;3110065L21Rik;CLH1_HUMAN; CLTC;Clathrin heavy chain on chromosome 17 (CLH-17);CLH17;KIAA0034; CLH1_MOUSE;CLH1_RAT;clathrin heavy chain;clathrin;heavy polypeptide (Hc); heavy chain;heavy polypeptide-like 2;heavy chain (Hc);CLH1;CLTC CLH17 CLTCL2 KIAA0034;Clathrin heavy chain 1 (Clathrin heavy chain on chromosome 17) (CLH-17)
Observed Band	185 kDa
Calculated Molecular Weight	192 kDa
Cell Pathway	Cytoplasmic vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Membrane, coated pit ; Peripheral membrane protein ; Cytoplasmic side . Melanosome . Cytoplasm, cytoskeleton, spindle . Cytoplasmic face of coated pits and vesicles. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. In complex with TACC3 and CKAP5 (forming the TACC3/ch-TOG/clathrin complex) localized to inter-microtubule bridges in mitotic spindles. .
Tissue Specificity	Bone marrow,Brain,Cervix carcinoma,Colon,Epithelium,Fetal kidney,Hepatoma, Mammary c

Function	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.,online information:Clathrin entry,similarity:Belongs to the clathrin heavy chain family., subcellular location:Cytoplasmic face of coated pits and vesicles. Identified by mass spectrometry in melanosome fractions from stage I to stage IV., 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. Interacts with HIP1.,
Background	Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains. [provided by RefSeq, Jul 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.

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