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CLTC Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5911c

Specification

CLTC Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q00610
Other Accession	NP_004850.1

CLTC Antibody (Center) Blocking peptide - Additional Information

Gene ID 1213

Other Names
Clathrin heavy chain 1, Clathrin heavy chain on chromosome 17, CLH-17, CLTC, CLH17, CLTCL2, KIAA0034

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CLTC Antibody (Center) Blocking peptide - Protein Information

Name CLH1

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. Acts as a component of the TACC3/ch-TOG/clathrin complex proposed to contribute to stabilization of kinetochore fibers of the mitotic spindle by acting as inter-microtubule bridge (PubMed:15858577, PubMed:16968737, PubMed:21297582). The TACC3/ch-TOG/clathrin complex is required for the maintenance of kinetochore fiber tension (PubMed:23532825). Plays a role in early autophagosome formation (PubMed:20639872). Interaction with DNAJC6 mediates the recruitment of HSPA8 to the clathrin lattice and creates local destabilization of the lattice promoting uncoating (By similarity).

Cellular Location
Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane,

coated pit; Peripheral membrane protein; Cytoplasmic side. Melanosome. Cytoplasm, cytoskeleton, spindle. Note=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.

CLTC Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CLTC Antibody (Center) Blocking peptide - Images