



CLTA Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP9008c

Specification

CLTA Antibody (Center) Blocking Peptide - Product Information

Primary Accession P09496

CLTA Antibody (Center) Blocking Peptide - Additional Information

Gene ID 1211

Other Names

Clathrin light chain A, Lca, CLTA

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP9008c was selected from the Center region of human CLTA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CLTA Antibody (Center) Blocking Peptide - Protein Information

Name CLTA

Function

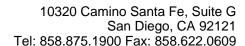
Clathrin is the major protein of the

CLTA Antibody (Center) Blocking Peptide - Background

Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. CLTA is one of two clathrin light chain proteins which are believed to function as regulatory elements.

CLTA Antibody (Center) Blocking Peptide - References

Wong, D.H., et.al., J. Neurosci. 10 (9), 3025-3031 (1990) Nathke, I., et.al., J. Biol. Chem. 265 (30), 18621-18627 (1990)





polyhedral coat of coated pits and vesicles. Acts as 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:21297582).

Cellular Location

Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, coated pit; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton, spindle Note=Cytoplasmic face of coated pits and vesicles. In complex with TACC3 and CKAP5 (forming the TACC3/ch-TOG/clathrin complex) localized to inter-microtubule bridges in mitotic spindles.

CLTA Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides