10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ENTH Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6850c

Specification

ENTH Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q14677

ENTH Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9685

Other Names
Clathrin interactor 1, Clathrin-interacting protein localized in the trans-Golgi region, Clint, Enthoprotin, Epsin-4, Epsin-related protein, EpsinR, CLINT1, ENTH, EPN4, EPNR, KIAA0171

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6850c was selected from the Center region of human ENTH. 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.

ENTH Antibody (Center) Blocking Peptide - Protein Information

Name CLINT1

Synonyms ENTH, EPN4, EPNR, KIAA0171

Function
Binds to membranes enriched in phosphatidylinositol 4,5- bisphosphate (PtdIns(4,5)P2). May have a role in transport via clathrin-coated vesicles from the trans-Golgi network to endosomes. Stimulates clathrin assembly.

Cellular Location
Cytoplasm. Cytoplasm, perinuclear region. Membrane; Peripheral membrane protein. Cytoplasmic vesicle, clathrin- coated vesicle. Note=Found throughout the cell, with the exception of the cell surface. Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the trans-Golgi network

Tissue Location
Ubiquitously expressed at low to intermediate levels.

ENTH Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

ENTH Antibody (Center) Blocking Peptide - Images

ENTH Antibody (Center) Blocking Peptide - Background

ENTH binds to membranes enriched in phosphatidylinositol-4,5-biphosphate (PtdIns(4,5)P2). It May have a role in transport via clathrin-coated vesicles from the trans-Golgi network to endosomes. It stimulates clathrin assembly.

ENTH Antibody (Center) Blocking Peptide - References

Richards,M., et.al., J. Neural Transm. 115 (9), 1347-1354 (2008)