

CLIP1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8950a**Specification**

CLIP1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P30622](#)**CLIP1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6249**Other Names**

CAP-Gly domain-containing linker protein 1, Cytoplasmic linker protein 1, Cytoplasmic linker protein 170 alpha-2, CLIP-170, Reed-Sternberg intermediate filament-associated protein, Restin, CLIP1, CYLN1, RSN

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8950a](/products/AP8950a) was selected from the N-term region of human CLIP1. 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.

CLIP1 Antibody (N-term) Blocking Peptide - Protein Information**Name** CLIP1**Synonyms** CYLN1, RSN**Function**

Binds to the plus end of microtubules and regulates the dynamics of the microtubule cytoskeleton. Promotes microtubule growth and microtubule bundling. Links cytoplasmic vesicles to microtubules and thereby plays an important role in intracellular vesicle trafficking. Plays a role macropinocytosis and endosome trafficking.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle. Note=Localizes to microtubule plus ends

(PubMed:21646404, PubMed:17889670). Localizes preferentially to the ends of tyrosinated microtubules (By similarity). Accumulates in plasma membrane regions with ruffling and protrusions. Associates with the membranes of intermediate macropinocytic vesicles (PubMed:12433698) {ECO:0000250|UniProtKB:Q922J3, ECO:0000269|PubMed:12433698, ECO:0000269|PubMed:17889670, ECO:0000269|PubMed:21646404}

Tissue Location

Detected in dendritic cells (at protein level). Highly expressed in the Reed-Sternberg cells of Hodgkin disease

CLIP1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CLIP1 Antibody (N-term) Blocking Peptide - Images**CLIP1 Antibody (N-term) Blocking Peptide - Background**

CLIP1 may be a intermediate filament associated protein that links endocytic vesicles to microtubules.

CLIP1 Antibody (N-term) Blocking Peptide - References

Yang,X., et.al., J. Biol. Chem. 284 (42), 28775-28782 (2009)Meunier,B., et.al., Eur. J. Cell Biol. 88 (2), 91-102 (2009)