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DYNC1I1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9232b

Specification

DYNC1I1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O14576

DYNC1I1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1780

Other Names
Cytoplasmic dynein 1 intermediate chain 1, Cytoplasmic dynein intermediate chain 1, Dynein intermediate chain 1, cytosolic, DH IC-1, DYNC1I1, DNCI1, DNCIC1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9232b was selected from the C-term region of human DYNC1I1. 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.

DYNC1I1 Antibody (C-term) Blocking Peptide - Protein Information

Name DYNC1I1

DYNC1I1 Antibody (C-term) Blocking Peptide - Background

DYNC1I1 is the intermediate chains seem to help dynein bind to dynactin 150 kDa component. This protein may play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

DYNC1I1 Antibody (C-term) Blocking Peptide - References

Lam,C., et.al, J. Cell. Sci. 123 (PT 2), 202-212 (2010)Pfister,K.K., et.al, J. Cell Biol. 171 (3), 411-413 (2005)

Synonyms DNCI1, DNCIC1

Function
Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCTN1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

Cellular Location
Cytoplasm. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle pole

DYNC1I1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides