

**HAUS8 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18272a****Specification**

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**HAUS8 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9BT25](#)**HAUS8 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 93323**Other Names**

HAUS augmin-like complex subunit 8, HEC1/NDC80-interacting centrosome-associated protein 1, Sarcoma antigen NY-SAR-48, HAUS8, HICE1

**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.

**HAUS8 Antibody (N-term) Blocking Peptide - Protein Information****Name** HAUS8**Synonyms** HICE1**Function**

Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=During interphase, primarily cytoplasmic and associates with centrosomes and with the mitotic spindles, preferentially at the spindle pole vicinity. During anaphase and telophase, additionally associates with the spindle midzone and midbody, respectively. Localizes to mitotic spindle microtubules

**HAUS8 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **HAUS8 Antibody (N-term) Blocking Peptide - Images**

#### **HAUS8 Antibody (N-term) Blocking Peptide - Background**

HAUS8 is 1 of 8 subunits of the 390-kD human augmin complex, or HAUS complex. The augmin complex was first identified in *Drosophila*, and its name comes from the Latin verb 'augmentare,' meaning 'to increase.' The augmin complex is a microtubule-binding complex involved in microtubule generation within the mitotic spindle and is vital to mitotic spindle assembly (Goshima et al., 2008 [PubMed 18443220]; Uehara et al., 2009 [PubMed 19369198]).

#### **HAUS8 Antibody (N-term) Blocking Peptide - References**

Wu, G., et al. Mol. Biol. Cell 20(22):4686-4695(2009) Lawo, S., et al. Curr. Biol. 19(10):816-826(2009) Uehara, R., et al. Proc. Natl. Acad. Sci. U.S.A. 106(17):6998-7003(2009) Wu, G., et al. Mol. Cell. Biol. 28(11):3652-3662(2008) Goshima, G., et al. J. Cell Biol. 181(3):421-429(2008)