

KLHDC8B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16984b**Specification**

KLHDC8B Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8IXV7](#)**KLHDC8B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 200942**Other Names**

Kelch domain-containing protein 8B, KLHDC8B

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.

KLHDC8B Antibody (C-term) Blocking Peptide - Protein Information**Name** KLHDC8B {ECO:0000303|PubMed:19706467}**Function**

Involved in pinching off the separated nuclei at the cleavage furrow and in cytokinesis (PubMed:20107318). Required for mitotic integrity and maintenance of chromosomal stability. Protects cells against mitotic errors, centrosomal amplification, micronucleus formation and aneuploidy. Plays a key role of midbody function involving abscission of the daughter cells during cytokinesis and appropriate chromosomal and nuclear segregation into the daughter cells (PubMed:22988245, PubMed:23713010).

Cellular Location

Cytoplasm. Midbody. Note=In mitotic cells, concentrates in the midbody of the cytoplasmic bridge linking daughter cells as they are about to separate during cytokinesis.

KLHDC8B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KLHDC8B Antibody (C-term) Blocking Peptide - Images

KLHDC8B Antibody (C-term) Blocking Peptide - Background

This gene encodes a protein which forms a distinct beta-propeller protein structure of kelch domains allowing for protein-protein interactions. Mutations in this gene have been associated with Hodgkin lymphoma.

KLHDC8B Antibody (C-term) Blocking Peptide - References

Krem, M.M., et al. Cell Cycle 9(4):670-675(2010) Salipante, S.J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(35):14920-14925(2009) Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004) Adams, M.D., et al. Nat. Genet. 4(4):373-380(1993)