

KLC4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9943a**Specification**

KLC4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9NSK0](#)

KLC4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 89953

Other Names

Kinesin light chain 4, KLC 4, Kinesin-like protein 8, KLC4, KNSL8

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.

KLC4 Antibody (N-term) Blocking Peptide - Protein Information

Name KLC4

Synonyms KNSL8

Function

Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (By similarity).

Cellular Location

Cytoplasm, cytoskeleton.

KLC4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KLC4 Antibody (N-term) Blocking Peptide - Images

KLC4 Antibody (N-term) Blocking Peptide - Background

KLC4 is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity. The oligomeric complex is composed of two heavy chains and two light chains.

KLC4 Antibody (N-term) Blocking Peptide - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)