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KLC1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8637c

Specification

KLC1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q07866

KLC1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3831

Other Names
Kinesin light chain 1, KLC 1, KLC1, KLC, KNS2

Target/Specificity
The synthetic peptide sequence used to generate the antibody <a >AP8637c was selected from the Center region of human KLC1. 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.

KLC1 Antibody (Center) Blocking Peptide - Protein Information

Name KLC1

Synonyms KLC, KNS2

KLC1 Antibody (Center) Blocking Peptide - Background

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.

KLC1 Antibody (Center) Blocking Peptide - References

Chernajovsky,Y., et.al., DNA Cell Biol. 15 (11), 965-974 (1996)Gyoeva,F.K., et.al., J. Cell. Sci. 113 (PT 11), 2047-2054 (2000)

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.

Cellular Location
Cell projection, growth cone. Cytoplasmic vesicle. Cytoplasm, cytoskeleton

Tissue Location
Found in a variety of tissues. Mostly abundant in brain and spine.

KLC1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

KLC1 Antibody (Center) Blocking Peptide - Citations

- Alterations in axonal transport motor proteins in sporadic and experimental Parkinson\'s disease.