

KLC1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16159**Specification**

KLC1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q07866
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63kDa KDa

KLC1 Antibody - N-terminal region - Additional Information**Gene ID** 3831

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-KLC1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

KLC1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KLC1 Antibody - N-terminal region - Protein Information**Name** KLC1**Synonyms** KLC, KNS2**Function**

Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport (PubMed: <http://www.uniprot.org/citations/21385839> target="_blank">21385839). 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

Cell projection, growth cone {ECO:0000250|UniProtKB:P37285}. Cytoplasmic vesicle. Cytoplasm, cytoskeleton

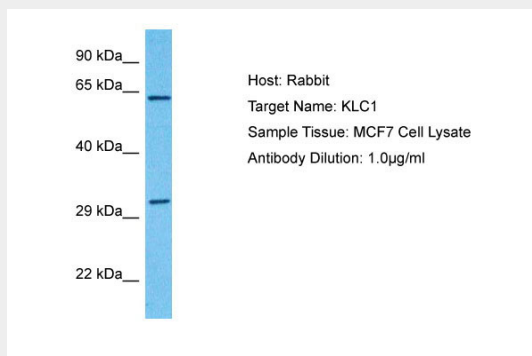
Tissue Location

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

KLC1 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KLC1 Antibody - N-terminal region - Images

Host: Rabbit
Target Name: KLC1
Sample Tissue: MCF7 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

KLC1 Antibody - N-terminal region - 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 - N-terminal region - References

Cabeza-Arvelaiz Y., et al. DNA Cell Biol. 12:881-892(1993).
McCart A.E., et al. Traffic 4:576-580(2003).
Gerber S., et al. Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Heilig R., et al. Nature 421:601-607(2003).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.