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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 &mu, l 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: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

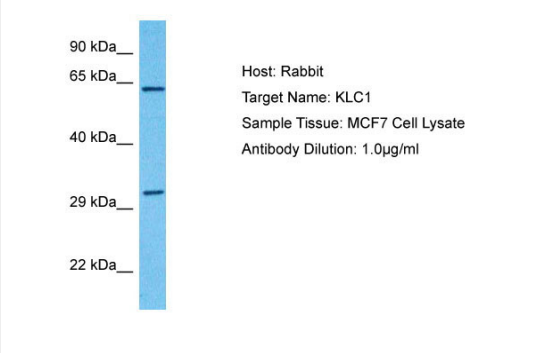
Tissue Location
Found in a variety of tissues. Mostly abundant in brain and spine.

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 Cytomety
- 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.