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KLC1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16159

Product Information

Application	WB
Primary Accession	Q07866
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65310

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.

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.

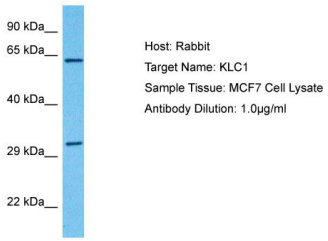
Background

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.

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.

Images



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