

Anti-KLC1 Rabbit Monoclonal Antibody

Catalog # ABO15962

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q07866
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-KLC1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

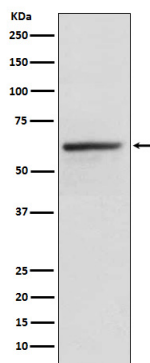
Gene ID	3831
Other Names	Kinesin light chain 1, KLC 1, KLC1, KLC, KNS2
Calculated MW	65310
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 25K41 A synthesized peptide derived from human KLC1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

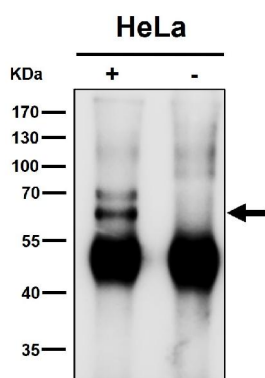
Name	KLC1
Synonyms	KLC, KNS2

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.

Images



Western blot analysis of KLC1 expression in HeLa cell lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.