

Rabbit Kinesin 2 Polyclonal Antibody | anti-KLC1 antibody

Rabbit anti-Kinesin 2 Antibody

CATALOG # AAA222286	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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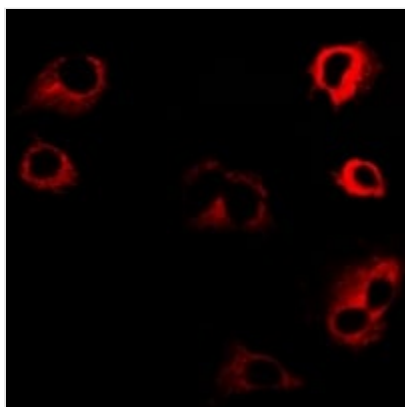
PRODUCT SYNONYMS

Kinesin 2; Polyclonal Antibody; Rabbit anti-Kinesin 2 Antibody; KLC; KNS2; Kinesin light chain 1; KLC 1; anti-KLC1 antibody

PRODUCT SPECIFICATIONS

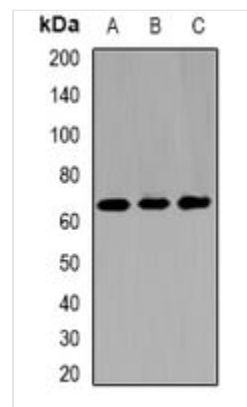
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-KLC1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human Kinesin 2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Kinesin 2 staining in SW480 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Kinesin 2 expression in SW480 (A), MCF7 (B), mouse brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KLC1 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	194306559
NCBI GeneID	3831
NCBI Accession #	NP_001123579.1
NCBI GenBank Nucleotide #	NM_001130107.1
UniProt Accession #	Q07866; O88447; P37285; Q13865; Q7RTP8; Q7RTQ0; Q7RTQ1; Q7RTQ2; Q7RTQ3; Q7RTQ4; Q7RTQ7; Q7RTQ8
Molecular Weight	65,310 Da
NCBI Official Full Name	kinesin light chain 1 isoform 3
NCBI Official Synonym Full Names	kinesin light chain 1
NCBI Official Symbol	KLC1
NCBI Official Synonym Symbols	KLC; KNS2; KNS2A; MGC15245
NCBI Protein Information	kinesin light chain 1; KLC 1; OTTHUMP00000240450; OTTHUMP00000240451; OTTHUMP00000240452; OTTHUMP00000240453; OTTHUMP00000240454; kinesin 2 60/70kDa; medulloblastoma antigen MU-MB-2.50
UniProt Protein Name	Kinesin light chain 1
UniProt Gene Name	KLC1
UniProt Synonym Gene Names	KLC; KNS2
UniProt Entry Name	KLC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kinesin-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/222286>