

Rabbit anti-Human KLC1 Polyclonal Antibody | anti-KLC1 antibody

KLC1 Antibody

CATALOG # AAA231157	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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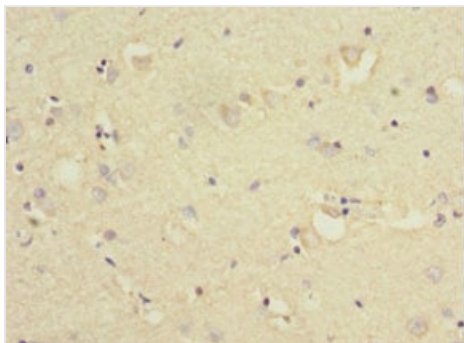
PRODUCT SYNONYMS

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

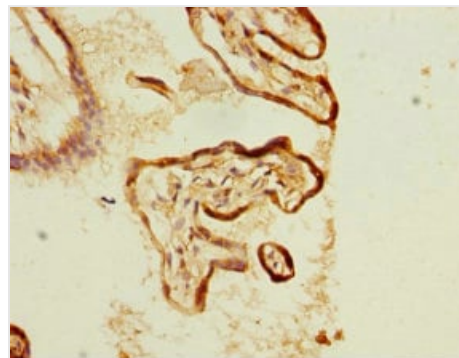
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	618
Applicable Applications for anti-KLC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Kinesin light chain 1 protein (C-300AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13361 / sc-13362 / sc-25735
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

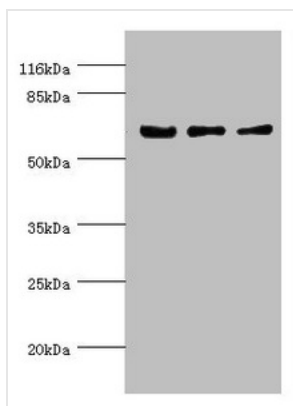
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231157 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231157 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: KLC1 antibody at 1.34ug/mlLane 1:COLO 320 whole cell lysateLane 2:HepG2 whole cell lysateLane 3:SH-SY5Y whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 66,64,65,72,70,67,63,73 kDaObserved band size: 65 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KLC1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194306559
NCBI GeneID	3831
NCBI Accession #	NP_001123579.1
NCBI GenBank Nucleotide #	NM_001130107.1
UniProt Accession #	Q07866; Q7RTM2; Q7RTM3; Q7RTM5; Q7RTP9; Q7RTQ3; Q7RTQ5; Q7RTQ6; Q86SF5; Q86TF5; A6NF62; F8VTM4
Molecular Weight	69,765 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
NCBI Protein Information	kinesin light chain 1
UniProt Protein Name	Kinesin light chain 1
UniProt Gene Name	KLC1
UniProt Synonym Gene Names	KLC; KNS2; KLC 1
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/klc1-antibody-immunohistochemistry-western-blot-elisa/231157>