

KLC4 Rabbit pAb

KLC4 Rabbit pAb
Catalog # AP56387

Product Information

Application	WB
Primary Accession	Q9NSK0
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68640
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLC4
Epitope Specificity	51-150/619
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm > cytoskeleton.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KLC4 is a 619 amino acid member of the kinesin light chain family. Existing as a component of an oligomeric structure composed of heavy and light chains, KLC4 functions as a microtubule-associated protein that produces mechanical force and is thought to play a role in organelle transport. Multiple isoforms of KLC4 exist due to alternative splicing events.

Additional Information

Gene ID	89953
Other Names	Kinesin light chain 4 {ECO:0000312 HGNC:HGNC:21624}, KLC 4, Kinesin-like protein 8, KLC4 (HGNC:21624)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

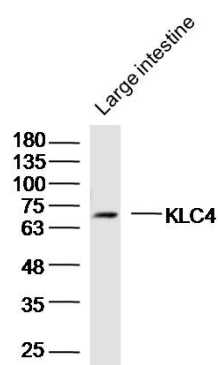
Name	KLC4 (HGNC:21624)
-------------	-------------------------------------

Function	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 (By similarity).
Cellular Location	Cytoplasm, cytoskeleton.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample: Large intestine (Mouse) Lysate at 40 ug
 Primary: Anti-KLC4 (AP56387) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 68 kD
 Observed band size: 68 kD

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