

Kinesin C2 Rabbit pAb

Catalog # AP96340

Product Information

Application	WB
Primary Accession	Q96AC6
Other Accession	Q96AC6
Reactivity	Mouse
Predicted	Rat, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90147
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Kinesin C2
Epitope Specificity	181-280/838
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the kinesin-like protein family. Contains 1 kinesin-motor domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The kinesin superfamily proteins (KIFs) are microtubule-dependent molecular motors that transport membranous organelles and protein complexes in a microtubule- and ATP-dependent manner. Cells use KIFs to tightly control the direction, destination, and speed of transportation of a variety of important functional molecules, including mRNA. KIFC2 is 792 amino acid member of the C-terminal motor family specifically expressed in both the central and peripheral nervous systems in nonproliferative cells. KIFC2 accumulates at the proximal and distal sides of axons and is a minus-end-directed kinesin. KIFC2 localizes with some, but not all, axonally transported organelles. KIFC2 may be involved in retrograde axonal transport.

Additional Information

Gene ID	90990
Other Names	KIFC2_HUMAN; KIFC2; KIFC2_MOUSE; kinesin family member C2
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	KIFC2
Function	May play a role in microtubule-dependent retrograde axonal transport. May function as the motor for the transport of multivesicular body (MVB)-like organelles in dendrites (By similarity).
Cellular Location	Cytoplasm, cytoskeleton.

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