

Rabbit KIFC3 Polyclonal Antibody | anti-KIFC3 antibody

KIFC3 Antibody

CATALOG # AAA323111	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

KIFC3; Polyclonal Antibody; KIFC3 Antibody; DKFZp686D23201; FLJ34694; Kifc3; KIFC3_HUMAN; Kinesin family member C3; Kinesin-like protein KIFC3; anti-KIFC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KIFC3 antibody detects endogenous levels of KIFC3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	687
Applicable Applications for anti-KIFC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KIFC3.
Subcellular Location	Cell Junction > Adherens Junction. Cytoplasm > Cytoskeleton > Centrosome. Cytoplasmic Vesicle Membrane. Apical Cell Membrane. On membrane organelles immediately beneath the apical plasma membrane of renal tubular epithelial cells. Localized in the distal tubules and loops of Henle in the kidney, but not in the proximal tubules or the glomeruli, with stronger staining in the apical area of these epithelial cells (By similarity). Localizes along zonula adherens only at mature cell-cell contacts.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (92%), Horse (83%), Sheep (92%), Rabbit (83%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA323111 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse kidney tissue, using KIFC3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KIFC3 antibody	Function: Minus-end microtubule-dependent motor protein. Involved in apically targeted transport (By similarity). Required for zonula adherens maintenance. Similarity: Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Kinesin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194294508
NCBI GeneID	3801
NCBI Accession #	NP_001123571.1
NCBI GenBank Nucleotide #	NM_001130099.1
UniProt Accession #	Q9BVG8; O75299; Q49A29; Q49AQ0; Q59G19; Q8IUT3; Q96HW6; A8K6S2; B7Z484
Molecular Weight	Observed: 80-85 kDa; 95-100 kDa Predicted: 93 kDa
NCBI Official Full Name	kinesin-like protein KIFC3 isoform 3
NCBI Official Synonym Full Names	kinesin family member C3
NCBI Official Symbol	KIFC3
NCBI Protein Information	kinesin-like protein KIFC3
UniProt Protein Name	Kinesin-like protein KIFC3
UniProt Gene Name	KIFC3

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/kifc3-antibody-immunohistochemistry-western-blot-elisa/323111>