

Rabbit anti-Human, Mouse KIF3A Polyclonal Antibody | anti-KIF3A antibody

KIF3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304109	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

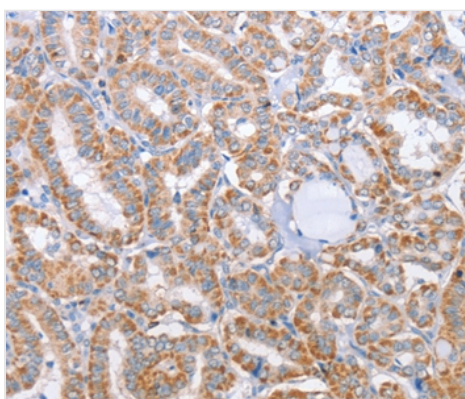
PRODUCT SYNONYMS

KIF3A; Polyclonal Antibody; KIF3A Antibody; FLA10; KLP-20; anti-KIF3A antibody

PRODUCT SPECIFICATIONS

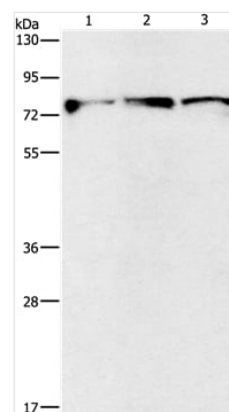
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KIF3A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	726
Applicable Applications for anti-KIF3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human kinesin family member 3A
Target Name	KIF3A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Mouse brain and human fetal brain tissue, human brain malignant glioma tissue Amount of lysate: 40ug per lane Primary antibody: 1/500 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-KIF3A antibody	Kinesin-like protein KIF3A is a protein that in humans is encoded by the KIF3A gene. Members of the heterotrimeric kinesin II family of microtubule associated motors generally contain two different motor subunits from the KIF3 family, which includes KIF3A, B and C. KIF3 isoforms mediate anterograde transport of membrane bound organelles in neurons and melanosomes, transport between the endoplasmic reticulum and the Golgi, and transport of protein complexes within cilia and flagella required for their morphogenesis. KIF3A may influence neurogenesis at the level of embryonic cellular events, where the asymmetry of the genetic control circuit controlling left-right (L-R) axis determination is defined. Loss of KIF3A function in mice photoreceptors causes apoptotic cell death, suggesting that kinesin II mediated transport is required for proper cell fate.
Product Categories/Family for anti-KIF3A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	663853723
NCBI GeneID	11127
NCBI Accession #	NP_001287720.1
NCBI GenBank Nucleotide #	NM_001300791.1
UniProt Accession #	Q9Y496; Q59EN1; Q86XE9; Q9Y6V4; A8MSW9
Molecular Weight	80,041 Da
NCBI Official Full Name	kinesin-like protein KIF3A isoform 1
NCBI Official Synonym Full Names	kinesin family member 3A
NCBI Official Symbol	KIF3A
NCBI Official Synonym Symbols	FLA10; KLP-20
NCBI Protein Information	kinesin-like protein KIF3A
UniProt Protein Name	Kinesin-like protein KIF3A
UniProt Gene Name	KIF3A
UniProt Synonym Gene Names	KIF3
UniProt Entry Name	KIF3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/kif3a-antibody-immunohistochemistry-western-blot-elisa/304109>