

Rabbit anti-Human KIF22 Polyclonal Antibody | anti-KIF22 antibody

KIF22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234451	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

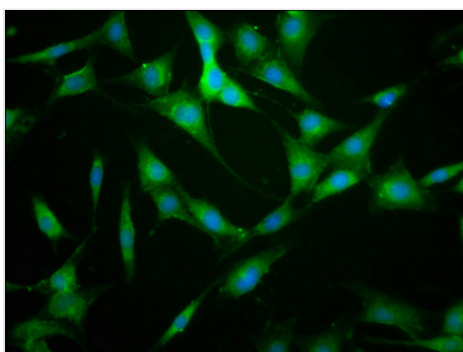
PRODUCT SYNONYMS

KIF22; Polyclonal Antibody; KIF22 Antibody; Kinesin-like protein KIF22; Kinesin-like DNA-binding protein; Kinesin-like protein 4; KID; KNSL4; anti-KIF22 antibody

PRODUCT SPECIFICATIONS

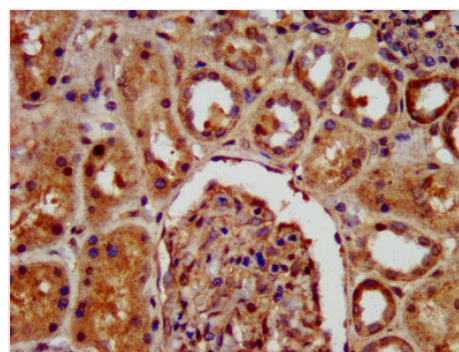
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	597
Applicable Applications for anti-KIF22 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Kinesin-like protein KIF22 protein (34-169AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of NIH/3T3 cells with AAA234451 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234451 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF22 antibody	Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA (By similarity). Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells (PubMed:25743205).
Product Categories/Family for anti-KIF22 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	372266146
NCBI GeneID	3835
NCBI Accession #	NP_001243198.1
NCBI GenBank Nucleotide #	NM_001256269.1
UniProt Accession #	Q14807; O60845; O94814; Q53F58; Q9BT46; B2R5M0; B7Z265
Molecular Weight	66,307 Da
NCBI Official Full Name	kinesin-like protein KIF22 isoform 2
NCBI Official Synonym Full Names	kinesin family member 22
NCBI Official Symbol	KIF22
NCBI Official Synonym Symbols	KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2
NCBI Protein Information	kinesin-like protein KIF22
UniProt Protein Name	Kinesin-like protein KIF22
UniProt Gene Name	KIF22
UniProt Synonym Gene Names	KID; KNSL4

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://www.aaabiotech.com/polyclonal/kif22-antibody-immunofluorescence-immunohistochemistry-elisa/234451>