

Rabbit KIF22 Polyclonal Antibody | anti-KIF22 antibody

KIF22 Polyclonal Antibody

CATALOG # AAA28282	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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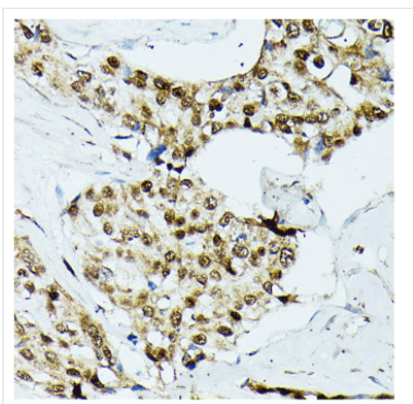
PRODUCT SYNONYMS

KIF22; Polyclonal Antibody; KIF22 Polyclonal Antibody; A-328A3.2; KID; KNSL4; OBP; OBP-1; OBP-2; SEMDJL2; anti-KIF22 antibody

PRODUCT SPECIFICATIONS

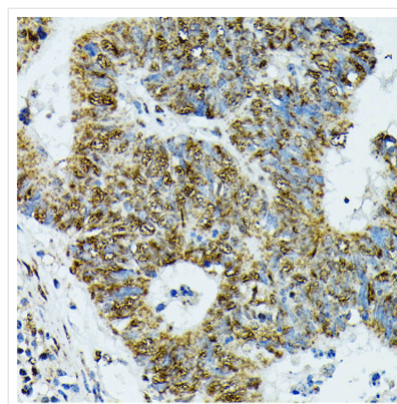
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence Length	597
Applicable Applications for anti-KIF22 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:200 - 1:2000 IHC-p: 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 456-665 of human KIF22 (NP_015556.1).
Species Reactivity/Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



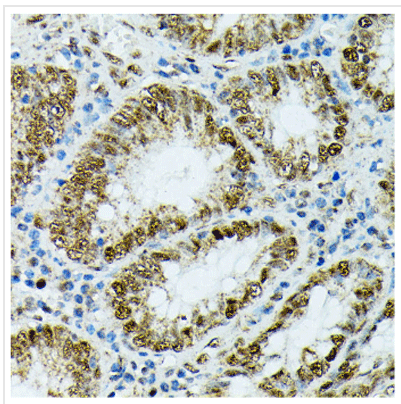
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer using KIF22 antibody (AAA28282) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol



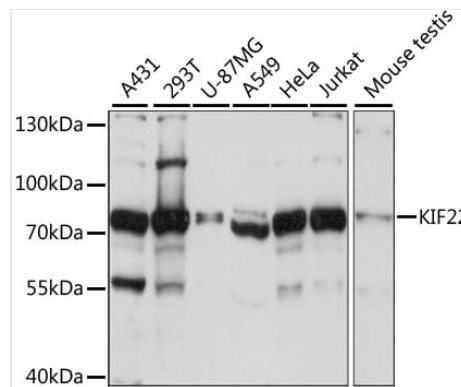
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using KIF22 antibody (AAA28282) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon using KIF22 antibody (AAA28282) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KIF22 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF22 antibody	The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the <i>Xenopus</i> homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-KIF22 antibody	Polyclonal Antibodies

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	Calculated: 73kDa Observed: 73kDa
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.