

Rabbit KIFAP3 Polyclonal Antibody | anti-KIFAP3 antibody

KIFAP3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200466	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

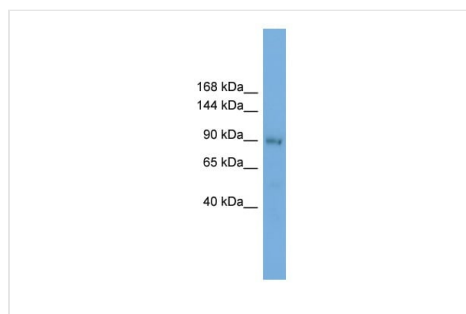
PRODUCT SYNONYMS

KIFAP3; Polyclonal Antibody; KIFAP3 antibody - middle region; anti-KIFAP3 antibody

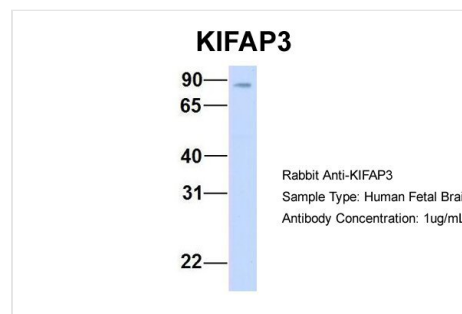
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: WL EMVESRQMDE SEQLYGDDR IEPYIHEGDI LERPDLFYNS DGLIASEG
Sequence Length	792
Applicable Applications for anti-KIFAP3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KIFAP3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-KIFAP3 Antibody Titration: 0.2-1 ug/ml Positive Control: PANC1 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: KIFAP3 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KIFAP3 antibody	This is a rabbit polyclonal antibody against KIFAP3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The small G protein GDP dissociation stimulator (smg GDS) is a regulator protein having two activities on a group of small G proteins including the Rho and Rap1 family members and Ki-Ras; one is to stimulate their GDP/GTP exchange reactions, and the other is to inhibit their interactions with membranes. The protein encoded by this gene contains 9 'Armadillo' repeats and interacts with the smg GDS protein through these repeats. This protein, which is highly concentrated around the endoplasmic reticulum, is phosphorylated by v-src, and this phosphorylation reduces the affinity of the protein for smg GDS. It is thought that this protein serves as a linker between human chromosome-associated polypeptide (HCAP) and KIF3A/B, a kinesin superfamily protein in the nucleus, and that it plays a role in the interaction of chromosomes with an ATPase motor protein.
Product Categories/Family for anti-KIFAP3 antibody	Polyclonal; Immunology; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	18105054
NCBI GeneID	22920
NCBI Accession #	NP_055785
NCBI GenBank Nucleotide #	NM_014970
UniProt Accession #	Q92845
Molecular Weight	91kDa
NCBI Official Full Name	kinesin-associated protein 3 isoform 1
NCBI Official Synonym Full Names	kinesin associated protein 3
NCBI Official Symbol	KIFAP3
NCBI Official Synonym Symbols	FLA3; KAP3; SMAP; KAP-1; KAP-3; Smg-GDS; dJ190I16.1
NCBI Protein Information	kinesin-associated protein 3
UniProt Protein Name	Kinesin-associated protein 3
UniProt Gene Name	KIFAP3
UniProt Synonym Gene Names	KIF3AP; SMAP; KAP-3; KAP3
UniProt Entry Name	KIFA3_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.