

KIFAP3 recombinant antibody

KIFAP3 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278982	HEK293F Cell	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

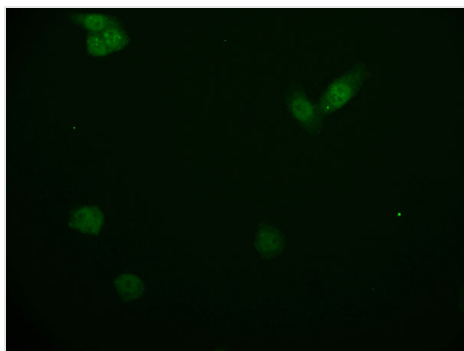
PRODUCT SYNONYMS

KIFAP3; Monoclonal Recombinant Antibody; KIFAP3 Recombinant Monoclonal Antibody; Kinesin-associated protein 3 (KAP-3)(KAP3)(Smg GDS-associated protein); KIF3AP SMAP; KIFAP3 recombinant antibody

PRODUCT SPECIFICATIONS

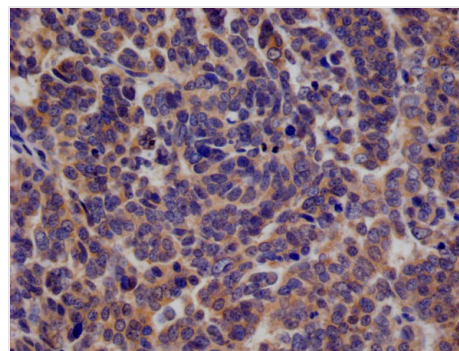
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	28E9
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for KIFAP3 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human KIFAP3
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



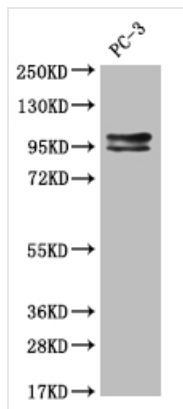
IF (Immunofluorescence)

Immunofluorescence staining of PC-3 cell with AAA278982 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 552-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA278982 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ 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°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate
 All lanes: KIFAP3 antibody at 1:2000
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 92, 87, 83 kDa
 Observed band size: 72-95 kDa

ADDITIONAL INFORMATION

Related Product Information for KIFAP3 recombinant antibody

Involved in tethering the chromosomes to the spindle pole and in chromosome movement. Binds to the tail domain of the KIF3A/KIF3B heterodimer to form a heterotrimeric KIF3 complex and may regulate the membrane binding of this complex (By similarity). {ECO:0000250}.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73920216
NCBI GeneID	22920
UniProt Accession #	Q92845; Q8NHU7; Q9H416; B1AKU4; B1AKU5; B2RDL1; B7Z8A3; F5H591
Molecular Weight	792
NCBI Official Full Name	Kinesin-associated protein 3
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; smg GDS-associated protein; small G protein GDP dissociation stimulator
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/kifap3-recombinant-antibody-clone-28e9-immunofluorescence-immunohistochemistry-western-blot-elisa/278982>