Rabbit anti-Human, Mouse KATNB1 Polyclonal Antibody | anti-KATNB1 antibody

KATNB1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282253	**Rabbit**	**Human, Mouse**	**Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

KATNB1; Polyclonal Antibody; KATNB1 Rabbit pAb; KAT; LIS6; anti-KATNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MAYAYLFKYI IIGDTGVGKS CLLLQFTDKR FQPVHDLTIG VEFGARMITI DGKQIKLQIW DTAGQESFRS ITRSYYRGAA GALLVYDITR RDTFNHLTTW LEDARQHSNS NMVIMLIGNK SDLESRREVK KEEGEAFARE HGLIFMETSA KTASNVEEAF INTAKEIYEK IQEGVFDINN EANGIKIGPQ HAATNATHAG NQGGQQAGGG CC
Applicable Applications for anti-KATNB1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Mouse testis, Rat testis
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human KATNB1 (NP_005877.2).
Cellular Location	centrosome, cytoplasm, cytosol, katanin complex, microtubule cytoskeleton, nucleus, plasma membrane, spindle, spindle pole
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using KATNB1 Rabbit pAb at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using KATNB1 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: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-KATNB1 antibody	Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases.

Product Categories/Family for anti-KATNB1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	336391093
NCBI GeneID	5862
NCBI Accession #	NP_001229573.1
NCBI GenBank Nucleotide #	NM_001242644.1
UniProt Accession #	P61019; P08886; B2R5W8; B4DMQ5
Molecular Weight	23,546 Da
NCBI Official Full Name	ras-related protein Rab-2A isoform b
NCBI Official Synonym Full Names	RAB2A, member RAS oncogene family
NCBI Official Symbol	RAB2A
NCBI Official Synonym Symbols	LHX; RAB2
NCBI Protein Information	ras-related protein Rab-2A; small GTP binding protein RAB2A; RAB2, member RAS oncogene family
UniProt Protein Name	Ras-related protein Rab-2A
UniProt Gene Name	**RAB2A**
UniProt Synonym Gene Names	RAB2
UniProt Entry Name	RAB2A_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://stage.aaabiotech.com/polyclonal/katnb1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282253