Mouse KATNB1 Monoclonal Antibody | anti-KATNB1 antibody

KATNB1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106896	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

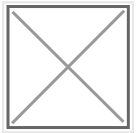
PRODUCT SYNONYMS

KATNB1; Monoclonal Antibody; KATNB1 antibody; Monoclonal KATNB1; Anti-KATNB1; Katanin p80 WD repeat containing subunit B 1; Katanin p80 subunit B1; p80 katanin; KATNB 1; KATNB-1; anti-KATNB1 antibody

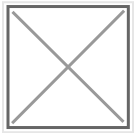
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5 E1
Purity/Purification	KATNB1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	655
Applicable Applications for anti-KATNB1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	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 (p60subunit 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 ofATPases.
Cross-Reactivity	Human
Immunogen	KATNB1 antibody was raised in mouse using a full length recombinant protein of human KATNB1 (NP_005877) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant KATNB1 protein using KATNB1 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant KATNB1 protein (Right) or empty vector (Left) detected with KATNB1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KATNB1 antibody	Mouse monoclonal KATNB1 antibody
Product Categories/Family for anti-KATNB1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	83779014
NCBI GeneID	10300
NCBI Accession #	NP_005877
NCBI GenBank Nucleotide #	NM_005886.2
UniProt Accession #	Q9BVA0; O60620; A6NCG6
Molecular Weight	72,334 Da
NCBI Official Full Name	katanin p80 WD40 repeat-containing subunit B1
NCBI Official Synonym Full Names	katanin p80 (WD repeat containing) subunit B 1
NCBI Official Symbol	KATNB1
NCBI Official Synonym Symbols	KAT; LIS6
NCBI Protein Information	katanin p80 WD40 repeat-containing subunit B1
UniProt Protein Name	Katanin p80 WD40 repeat-containing subunit B1
UniProt Gene Name	**KATNB1**
UniProt Synonym Gene Names	Katanin p80 subunit B1
UniProt Entry Name	KTNB1_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/katnb1-antibody-clone-5-e1-western-blot-immunofluorescence-flow-cytometry-elisa/106896