

Rabbit KATNA1 Polyclonal Antibody | anti-KATNA1 antibody

KATNA1 Rabbit pAb

CATALOG # AAA282358	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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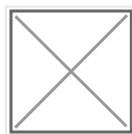
PRODUCT SYNONYMS

KATNA1; Polyclonal Antibody; KATNA1 Rabbit pAb; anti-KATNA1 antibody

PRODUCT SPECIFICATIONS

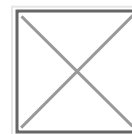
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Sequence	MSLLMISENV KLAREYALLG NYDSAMVYYQ GVLDQMNYL YSVKDTYLQQ KWQQVWQEIN VEAKHVKDIM KTLESFKLDS TPLKAAQHDL PASEGEVWSM PVPVERRPSP GPRKRQSSQY SDPKSHGNRP STTVRVHRSS AQNVDHNRGK AVRCREKKEQ NKGREEK
Applicable Applications for anti-KATNA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Cytoplasm, Midbody, centrosome, cytoskeleton, microtubule organizing center, spindle pole
Research Area	Kinase, Cell Biology Developmental Biology, Cell Cycle, Neuroscience
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human KATNA1 (NP_001191005.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse heart using KATNA1 antibody (AAA282358) 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 tonsil using KATNA1 antibody (AAA282358) 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 rat heart using KATNA1 antibody (AAA282358) 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.

ADDITIONAL INFORMATION

Related Product Information for anti-KATNA1 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. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-KATNA1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	323276651
NCBI GeneID	11104
NCBI Accession #	NP_001191005
NCBI GenBank Nucleotide #	NM_001204076
UniProt Accession #	O75449 ; Q5TFA8 ; Q5TFA9 ; Q86VN2 ; Q9NU52 ; E1P5A3
Molecular Weight	35,319 Da
NCBI Official Full Name	katanin p60 ATPase-containing subunit A1 isoform 2
NCBI Official Synonym Full Names	katanin p60 (ATPase containing) subunit A 1
NCBI Official Symbol	KATNA1
NCBI Protein Information	katanin p60 ATPase-containing subunit A1; KATNA1; katanin p60 (ATPase-containing) subunit A 1; katanin p60 subunit A1; p60 katanin
UniProt Protein Name	Katanin p60 ATPase-containing subunit A1
UniProt Gene Name	KATNA1
UniProt Entry Name	KTNA1_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/polyclonal/katna1-antibody-immunohistochemistry-western-blot-elisa/282358>