

Mouse KATNAL1 Monoclonal Antibody | anti-KATNAL1 antibody

KATNAL1 antibody

CATALOG # AAA106769	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

KATNAL1; Monoclonal Antibody; KATNAL1 antibody; Monoclonal KATNAL1; Anti-KATNAL1; Katanin p60 subunit A-like 1; MGC2599; p60 katanin-like 1; Katanin p60 ATPase-containing subunit A like 1; KATNAL 1; KATNAL-1; anti-KATNAL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6A4
Purity/Purification	KATNAL1 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	490
Applicable Applications for anti-KATNAL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	KATNAL1 severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays.
Cross-Reactivity	Human
Immunogen	KATNAL1 antibody was raised in mouse using a full length recombinant protein of human KATNAL1 (NP_115492) 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of KATNAL1 protein in paraffin embedded Human pancreas tissue using KATNAL1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant KATNAL1 protein (Right) or empty vector (Left) detected with KATNAL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KATNAL1 antibody	Mouse monoclonal KATNAL1 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14149767
NCBI GeneID	84056
NCBI Accession #	NP_115492
NCBI GenBank Nucleotide #	NM_032116.4
UniProt Accession #	Q9BW62; A8K5X4
Molecular Weight	55,392 Da
NCBI Official Full Name	katanin p60 ATPase-containing subunit A-like 1
NCBI Official Synonym Full Names	katanin p60 subunit A-like 1
NCBI Official Symbol	KATNAL1
NCBI Protein Information	katanin p60 ATPase-containing subunit A-like 1
UniProt Protein Name	Katanin p60 ATPase-containing subunit A-like 1
UniProt Gene Name	KATNAL1
UniProt Synonym Gene Names	Katanin p60 subunit A-like 1
UniProt Entry Name	KATL1_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.