

Rabbit anti-Human KATL1 Polyclonal Antibody | anti-KATNAL1 antibody

KATL1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288254	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

KATL1; Polyclonal Antibody; KATL1 Antibody (N-term); Katanin p60 ATPase-containing subunit A-like 1 {ECO:0000255|HAMAP-Rule:MF_03024}; Katanin p60 subunit A-like 1 {ECO:0000255|HAMAP-Rule:MF_03024}; 3643 {ECO:0000255|HAMAP-Rule:MF_03024}; p60 katanin-like 1 {ECO:0000255|HAMAP-Rule:MF_03024}; KATNAL1 {ECO:0000255|HAMAP-Rule:MF_03024}; anti-KATNAL1 antibody

PRODUCT SPECIFICATIONS

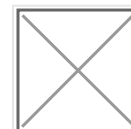
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KATL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-166 amino acids from the N-terminal region of human KATL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	137-166
Sequence Length	490
Applicable Applications for anti-KATNAL1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

KATL1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

KATL1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KATL1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

KATL1 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the KATL1 antibody detected the KATL1 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-KATNAL1 antibody	Cell Biology
References	Dunham, A., et al. Nature 428(6982):522-528(2004) Millar, J.K., et al. Biochem. Biophys. Res. Commun. 311(4):1019-1025(2003) Robertson, N.G., et al. Genomics 23(1):42-50(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62177112
NCBI GeneID	84056
NCBI Accession #	NP_001014402.1; NP_115492.1
NCBI GenBank Nucleotide #	NM_001014380.2
UniProt Accession #	Q9BW62; A8K5X4
Molecular Weight	55392
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kat1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288254>