

Mouse anti-Human ATAT1 Monoclonal Antibody | anti-ATAT1 antibody

Anti ATAT1 mouse monoclonal antibody

CATALOG # AAA41075	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ATAT1; Monoclonal Antibody; Anti ATAT1 mouse monoclonal antibody; Alpha-tubulin N-acetyltransferase 1; anti-ATAT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	77-D-12
Purity/Purification	Protein G purified from mice ascites
Form/Format	Liquid. Supplied as solution form in PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1.24 mg/ml (varies by lot)
Applicable Applications for anti-ATAT1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	E. coli - derived recombinant Human ATAT1 (Met1-Pro196)
Conjugation	Unconjugated
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80°C for ~12 months from the date of receipt.

ADDITIONAL INFORMATION

Related Product Information for anti-ATAT1 antibody	Leads to drug resistance for microtubule-targeting drugs such as taxol and celastrol by downregulation of p53. DDX53 promotes autophagy by increasing expression of ATG5 via direct binding to the promoter of ATG5 in breast cancer cells. In addition, DDX53 shows co-expression with CD133, a cancer stemness marker, and is served as a new key regulator of cancer stem cell- like properties in taxol-resistant melanoma. Many evidences suggest that DDX53 is one of the attractive targets for developing anti-cancer drugs, there have not been reports concerning the role of DDX53 in cervix cancer.DDX53 (DEAD-Box Helicase 53) is a Protein Coding gene. Diseases associated with DDX53 include Colonic Disease and Gastric Adenosquamous Carcinoma. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and ATP-dependent RNA helicase activity.
Product Categories/Family for anti-ATAT1 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	72534730
NCBI GeneID	79969
NCBI Accession #	NP_001026892.1

NCBI GenBank Nucleotide #	NM_001031722.2
UniProt Accession #	Q5SQI0 ; Q3LIB0 ; Q5JP39 ; Q5JP40 ; Q5JP42 ; Q5SQI1 ; Q5SU03 ; Q86X42 ; Q8NDK9 ; Q9BRS1 ; Q9H8X5 ; A2AB28
NCBI Official Full Name	alpha-tubulin N-acetyltransferase 1 isoform 1
NCBI Official Synonym Full Names	alpha tubulin acetyltransferase 1
NCBI Official Symbol	ATAT1
NCBI Official Synonym Symbols	TAT; MEC17; C6orf134; Nbla00487
NCBI Protein Information	alpha-tubulin N-acetyltransferase 1; alpha-TAT; alpha-TAT1; acetyltransferase mec-17 homolog
UniProt Protein Name	Alpha-tubulin N-acetyltransferase 1
UniProt Gene Name	ATAT1
UniProt Synonym Gene Names	C6orf134; MEC17; Nbla00487; Alpha-TAT; Alpha-TAT1; TAT
UniProt Entry Name	ATAT_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/atat1-antibody-clone-77-d-12-immunohistochemistry-immunofluorescence-western-blot-elisa/41075>