Mouse NUBPL Monoclonal Antibody | anti-NUBPL antibody

NUBPL antibody

CATALOG #	HOST	APPLICATIONS
AAA107431	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NUBPL; Monoclonal Antibody; NUBPL antibody; Monoclonal NUBPL; Anti-NUBPL; Nucleotide binding protein-like; HuInd1; IND1; FLJ12660; Iron-sulfur protein NUBPL; Chromosome 14 open reading frame 127; anti-NUBPL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5C12
Purity/Purification	NUBPL 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	319
Applicable Applications for anti-NUBPL antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	NUBPL is a member of the Mrp/NBP35 ATP-binding proteins family. The encoded protein is required for the assembly of the respiratory chain NADH dehydrogenase (complex I), an oligomeric enzymatic complex located in the innermitochondrial membrane. The respiratory complex I consists of 45 subunits and 8 iron-sulfur (Fe/S) clusters. this protein is an Fe/S protein that plays a critical role in the assembly of respiratory complex I, likely by transferringFe/S into the Fe/S-containing complex I subunits.
Cross-Reactivity	Human
Immunogen	NUBPL antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 1-250 of human NUBPL (NP_079428) produced in E Coli 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

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

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant NUBPL protein (red) or empty vector (blue) stained using NUBPL antibody

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	157384956
NCBI GeneID	80224
NCBI Accession #	NP_079428
NCBI GenBank Nucleotide #	NM_025152.2
UniProt Accession #	Q8TB37; Q86TZ4; Q9H9M2; B4DHZ1
Molecular Weight	18,209 Da
NCBI Official Full Name	iron-sulfur protein NUBPL isoform 1
NCBI Official Synonym Full Names	nucleotide binding protein-like
NCBI Official Symbol	NUBPL
NCBI Official Synonym Symbols	IND1; huInd1; C14orf127
NCBI Protein Information	iron-sulfur protein NUBPL
UniProt Protein Name	Iron-sulfur protein NUBPL
UniProt Gene Name	**NUBPL**
UniProt Synonym Gene Names	C14orf127
UniProt Entry Name	NUBPL_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/nubpl-antibody-clone-5c12-western-blot-flow-cytometry-elisa/107431