Mouse NAPEPLD Monoclonal Antibody | anti-NAPEPLD antibody

NAPEPLD antibody

CATALOG #	HOST	APPLICATIONS
AAA107348	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NAPEPLD; Monoclonal Antibody; NAPEPLD antibody; Monoclonal NAPEPLD; Anti-NAPEPLD; N-acyl phosphatidylethanolamine phospholipase D; NAPE-PLD; FMP30; C7orf18; NAPE-hydrolyzing phospholipase D; DKFZp781D1098; anti-NAPEPLD antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7B9
Purity/Purification	NAPEPLD 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	393
Applicable Applications for anti-NAPEPLD antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	NAPEPLD is a phospholipase D type enzyme that catalyzes the release of N-acylethanolamine (NAE) from N-acyl-phosphatidylethanolamine (NAPE) in the second step of the biosynthesis of N-acylethanolamine.
Cross-Reactivity	Human
Immunogen	NAPEPLD antibody was raised in mouse using a full length recombinant protein of human NAPEPLD (NP_945341) 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 (Immunohistochemisry)
Immunohistochemical analysis of NAPEPLD protein in paraffin embedded Human Kidney tissue using NAPEPLD antibody

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

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

ADDITIONAL INFORMATION

Related Product Information for anti-NAPEPLD antibody	Mouse monoclonal NAPEPLD antibody
Product Categories/Family for anti-NAPEPLD antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	170932481
NCBI GeneID	222236
NCBI Accession #	NP_945341
NCBI GenBank Nucleotide #	NM_198990.4
UniProt Accession #	Q6IQ20; Q5CZ87; Q769K1
Molecular Weight	45,596 Da
NCBI Official Full Name	N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D
NCBI Official Synonym Full Names	N-acyl phosphatidylethanolamine phospholipase D
NCBI Official Symbol	NAPEPLD
NCBI Official Synonym Symbols	FMP30; NAPE-PLD
NCBI Protein Information	N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D
UniProt Protein Name	N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D
UniProt Gene Name	**NAPEPLD**
UniProt Synonym Gene Names	C7orf18; N-acyl phosphatidylethanolamine phospholipase D; NAPE-PLD; NAPE-hydrolyzing phospholipase D
UniProt Entry Name	NAPEP_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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