

Rabbit anti-Human, Mouse PNPLA6 Polyclonal Antibody | anti-PNPLA6 antibody

PNPLA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324905	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

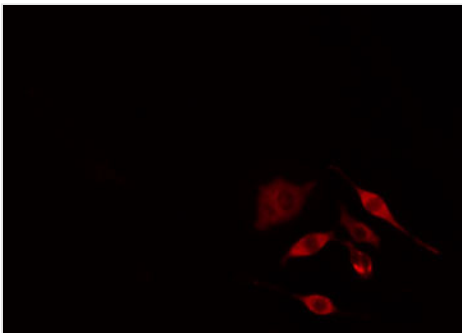
PRODUCT SYNONYMS

PNPLA6; Polyclonal Antibody; PNPLA6 Antibody; EC 3.1.1.5; Neuropathy target esterase; NTEMND; Patatin like phospholipase domain containing 6; Patatin like phospholipase domain containing protein 6; Patatin-like phospholipase domain-containing protein 6; PLPL6_HUMAN; Pnpla6; SPG39; sws; NTE; anti-PNPLA6 antibody

PRODUCT SPECIFICATIONS

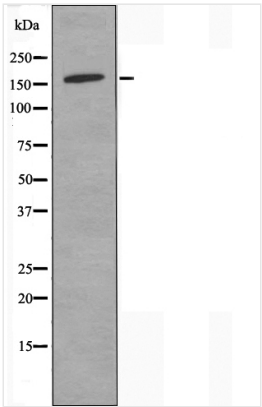
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PNPLA6 antibody detects endogenous levels of total PNPLA6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1375
Applicable Applications for anti-PNPLA6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane. Anchored to the cytoplasmic face of the endoplasmic reticulum by its amino-terminal transmembrane segment.
Tissue Specificity	Expressed in brain, placenta, kidney, neuron and skeletal muscle. Expressed in the developing eye, pituitary and brain.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324905 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using PNPLA6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PNPLA6 antibody

Function: Phospholipase B that deacylates intracellular phosphatidylcholine (PtdCho), generating glycerophosphocholine (GroPtdCho). This deacylation occurs at both sn-2 and sn-1 positions of PtdCho. Its specific chemical modification by certain organophosphorus (OP) compounds leads to distal axonopathy.
Post-translational Modifications: Glycosylated.
Similarity: Belongs to the NTE family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260656037
NCBI GeneID	10908
NCBI Accession #	NP_001159583.1
NCBI GenBank Nucleotide #	NM_001166111.1
UniProt Accession #	Q8IY17; O60859; Q86W58; Q9UG58; A6NGQ0; B4DFB9; B7Z7T2; F5H5K9; J3KQS3
Molecular Weight	Observed: 150 kD Predicted: 150 kDa
NCBI Official Full Name	neuropathy target esterase isoform a
NCBI Official Synonym Full Names	patatin like phospholipase domain containing 6
NCBI Official Symbol	PNPLA6
NCBI Official Synonym Symbols	NTE; sws; BNHS; LNMS; OMCS; SPG39; NTEMND; iPLA2delta
NCBI Protein Information	neuropathy target esterase
UniProt Protein Name	Neuropathy target esterase
UniProt Gene Name	PNPLA6

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.