

Anti-PNPLA6 Antibody

Catalog # AP60361

Product Information

Application	WB, IHC
Primary Accession	Q8IY17
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150954

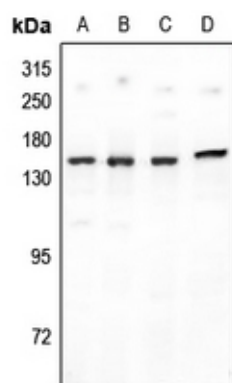
Additional Information

Gene ID	10908
Other Names	NTE; Neuropathy target esterase; Patatin-like phospholipase domain-containing protein 6
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PNPLA6. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

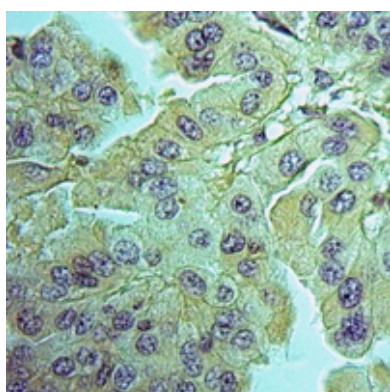
Protein Information

Name	PNPLA6 (HGNC:16268)
Synonyms	NTE
Function	Phospholipase B that deacylates intracellular phosphatidylcholine (PtdCho), generating glycerophosphocholine (GroPtdCho). This deacylation occurs at both sn-2 and sn-1 positions of PtdCho. Catalyzes the hydrolysis of several naturally occurring membrane-associated lipids (PubMed: 11927584). Hydrolyzes lysophospholipids and monoacylglycerols, preferring the 1-acyl to the 2-acyl isomer. Does not catalyze hydrolysis of di- or triacylglycerols or fatty acid amides (PubMed: 11927584).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type III membrane protein
Tissue Location	Expressed in brain, placenta, kidney, neuron and skeletal muscle. Expressed in the developing eye, pituitary and brain

Images



Western blot analysis of PNPLA6 expression in HEK293T (A), COS7 (B), C6 (C), MEF (D) whole cell lysates. (Predicted band size: 150 kD; Observed band size: 150 kD)



Immunohistochemical analysis of PNPLA6 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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