

NTE Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2901a**Specification**

NTE Antibody (internal region) - Product Information

Application	E
Primary Accession	Q8IY17
Other Accession	NP_006693.3 , 10908 , 50767 (mouse)
Predicted	Human, Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	150954

NTE Antibody (internal region) - Additional Information**Gene ID** 10908**Other Names**

Neuropathy target esterase, 3.1.1.5, Patatin-like phospholipase domain-containing protein 6, PNPLA6, NTE

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NTE Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NTE Antibody (internal region) - 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

NTE Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NTE Antibody (internal region) - Images**NTE Antibody (internal region) - References**

Neuropathy target esterase gene mutations cause motor neuron disease. Rainier S, Bui M, Mark E, Thomas D, Tokarz D, Ming L, Delaney C, Richardson RJ, Albers JW, Matsunami N, Stevens J, Coon H, Leppert M, Fink JK. Am J Hum Genet. 2008 Mar;82(3):780-5. PMID: 18313024