

NTE Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06199

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PNPLA6. AA range:102-151

Mol wt 149995

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name NTE Antibody

Synonyms PNPLA6; NTE; Neuropathy target esterase; Patatin-like phospholipase domain-containing protein 6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

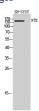
PNPLA6 encodes a phospholipase that deacetylates intracellular phosphatidylcholine to produce glycerophosphocholine. It is thought to function in neurite outgrowth and process elongation during neuronal differentiation. The patatin like phospholipase domain containing 6 is anchored to the cytoplasmic face of the endoplasmic reticulum in both neurons and non-neuronal cells. Mutations in this gene result in autosomal recessive spastic paraplegia, and the protein is the target for neurodegeneration induced by organophosphorus compounds and chemical warfare agents. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of SH-SY5Y cells using NTE Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year