Anti-Human/Mouse PNPLA6 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05321

3th Edition

Description: This gene 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 protein 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. PNPLA6 (Patatin Like Phospholipase Domain Containing 6) is a Protein Coding gene. Diseases associated with PNPLA6 include Laurence-Moon Syndrome and Spastic Paraplegia 39, Autosomal Recessive. Among its related pathways are PI Metabolism and Glycerophospholipid biosynthesis. GO annotations related to this gene include lysophospholipase activity. An important paralog of this gene is PNPLA7.

Antigen: Synthesized peptide derived from the N-terminal region of human NTE

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in brain, placenta, kidney, neuron and skeletal muscle. Expressed in the developing eye, pituitary and brain.