

Anti-PNPLA6 Antibody Picoband® Biotin Conjugated

Catalog Number: A04071-2-Biotin

About PNPLA6

Neuropathy target esterase, also known as patatin-like phospholipase domain-containing protein 6 (PNPLA6), is an esterase enzyme that in humans is encoded by the PNPLA6 gene. 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.

Overview

Product Name	Anti-PNPLA6 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8IY17

Technical Details

Immunogen	E.coli-derived human PNPLA6 recombinant protein (Position: H15-E1296).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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