

Datasheet for ABIN1108496
anti-PNPLA6 antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	PNPLA6
Binding Specificity:	AA 1323-1348, C-Term
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPLA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide corresponding to a sequence at the C-terminal of fish PNPLA6 (1323-1348 amino acid)
Isotype:	IgG
Specificity:	This antibody detects NTE at aa 1323-1348. No cross reactivity with other proteins.
Cross-Reactivity (Details):	Species reactivity (tested):Zebrafish
Purification:	Immunogen affinity purified

Target Details

Target:	PNPLA6
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Target Details

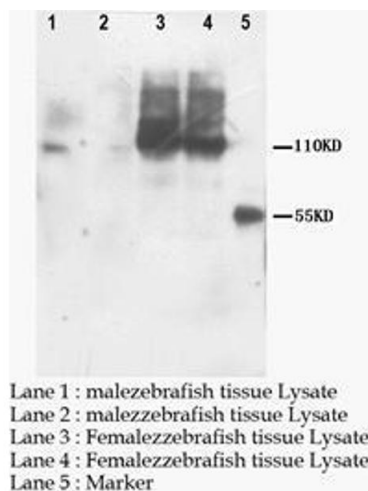
Alternative Name:	NTE (PNPLA6 Products)
Background:	Patatin-like phospholipase domain containing 6 (PNPLA6), also known as Neuropathy target esterase (NTE), is a human gene. Neuropathy target esterase (NTE) is involved in neural development and is the target for neurodegeneration induced by selected organophosphorus pesticides and chemical warfare agents. The genetic or chemical reduction of Nte activity results in a neurological phenotype of hyperactivity in mammals and indicate that EOPF toxicity occurs directly through inhibition of Nte without the requirement for Nte gain of function or aging.Synonyms: Neuropathy target esterase, PNPLA6
Gene ID:	10908
NCBI Accession:	NP_006693
UniProt:	Q8IY17
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg NaN3
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot: PNPLA6 Polyclonal Antibody