Product Informatiion Sheet

Polyclonal Anti- Patatin-like phospholipase domain containing 6, ***PNPLA6***

(Magnetic Bead Conjugate)

Catalogue No. PA1226-M

Lot No. 09D01

Ig type: rabbit IgG1

Size: 100µg/Vial

Specificity

Zebrafish.

No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of fish PNPLA6 (1323-1348 amino acid).

Purification

Immunogen affinity purified

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN_3.

Storage

Store at 4˚C for frequent use.

Description:

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

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.[1]

REFERENCE

1. Winrow, C. J.; Hemming, M. L.; Allen, D. M.; Quistad, G. B.; Casida, J. E.; Barlow, C. : Loss of neuropathy target esterase in mice links organophosphate exposure to hyperactivity. *Nature Genet.* 33: 477-486, 2003.