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Datasheet for ABIN6991928 **anti-LIPA3 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	LIPA3 (PPFIA3)
Binding Specificity:	AA 1100-1150, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	PPFIA3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human PPFIA3. The immunogen is located within amino acids 1100 - 1150 of PPFIA3.
Isotype:	IgG
Specificity:	PPFIA3 antibody is human, mouse, and rat reactive.
Purification:	PPFIA3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LIPA3 (PPFIA3)
Alternative Name:	PPFIA3 (PPFIA3 Products)
Background:	The PPFIA3 protein is a member of the LAR protein-tyrosine phosphatase-interacting protein

Target Details

(liprin) family, a family of transmembrane protein tyrosine phosphatases known to be important for axon guidance and mammary gland development (1). Similar to the other liprin family members, PPFIA3 can interact with ERC2, a member of the ELKS-Rab6-interacting protein-CAST family of proteins at the presynaptic termini, suggesting that these proteins may play a role in the molecular organization of presynaptic zones (2).

Molecular Weight: Predicted: 131 kDa

Observed: 131 kDa

Gene ID: 8541

NCBI Accession: [NP_003651](#)

UniProt: [O75145](#)

Application Details

Application Notes: PPFIA3 antibody can be used for detection of PPFIA3 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PPFIA3 antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PPFIA3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.