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Datasheet for ABIN7177810
anti-PDXP antibody (AA 1-292)

1 Image

Overview

Quantity:	100 µg
Target:	PDXP
Binding Specificity:	AA 1-292
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDXP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Mouse Pyridoxal phosphate phosphatase protein (1-292AA)
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	PDXP
Alternative Name:	Pdpx (PDXP Products)
Background:	Background: Protein serine phosphatase that dephosphorylates '\\\\'Ser-3\\\\\\' in cofilin and probably also dephosphorylates phospho-serine residues in DSTN. Regulates cofilin-dependent

Target Details

actin cytoskeleton reorganization. Required for normal progress through mitosis and normal cytokinesis (By similarity). Does not dephosphorylate phospho-threonines in LIMK1. Does not dephosphorylate peptides containing phospho-tyrosine. Pyridoxal phosphate phosphatase. Has some activity towards pyridoxal 5\'-phosphate (PLP), pyridoxine 5\'-phosphate (PMP) and pyridoxine 5\'-phosphate (PNP), with a highest activity with PLP followed by PNP.

Aliases: Pdxp antibody, Cin antibody, Plp antibody, Plpp antibody, Pyridoxal phosphate phosphatase antibody, PLP phosphatase antibody, EC 3.1.3.3 antibody, EC 3.1.3.74 antibody, Chronophin antibody

UniProt: [P60487](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

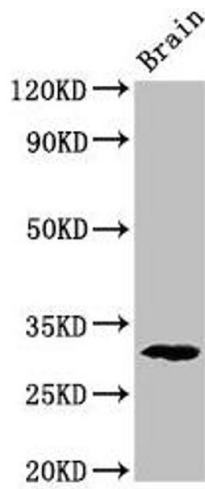
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: Rat brain tissue All lanes: Pdxp antibody at 2.8 $\mu\text{g}/\text{mL}$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 32 kDa Observed band size: 32 kDa