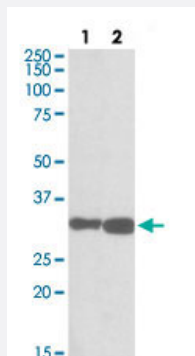


PDXP polyclonal antibody

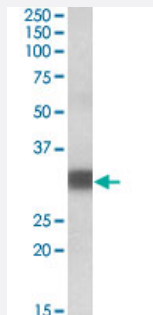
Catalog # PAB27578 Size 100 ug

Applications



Western Blot (Tissue lysate)

PDXP polyclonal antibody (Cat # PAB27578) (0.1ug/ml) staining of Lane 1: mouse brain lysates and Lane 2: rat brain lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Tissue lysate)

PDXP polyclonal antibody (Cat # PAB27578) (0.1ug/ml) staining of human heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PDXP.
Immunogen	A synthetic peptide corresponding to C-terminus of human PDXP.
Sequence	QHDLVPHYVES
Host	Goat
Theoretical MW (kDa)	32
Reactivity	Chicken, Human, Mouse, Rat

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

PDXP polyclonal antibody (Cat # PAB27578) (0.1ug/ml) staining of Lane 1: mouse brain lysates and Lane 2: rat brain lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Tissue lysate)

PDXP polyclonal antibody (Cat # PAB27578) (0.1ug/ml) staining of human heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — PDXP

Entrez GeneID	57026
Protein Accession#	NP_064711.1
Gene Name	PDXP
Gene Alias	CIN, FLJ32703, PLP, dJ37E16.5
Gene Description	pyridoxal (pyridoxine, vitamin B6) phosphatase
Omim ID	609246
Gene Ontology	Hyperlink
Gene Summary	Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP (Jang et al., 2003 [PubMed 14522954]).[supplied by OMIM]

Other Designations

OTTHUMP00000028985|chronophin|pyridoxal phosphate phosphatase

Pathway

- [Metabolic pathways](#)
- [Vitamin B6 metabolism](#)