

Rabbit PDXP Polyclonal Antibody | anti-PDXP antibody

PDXP Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281791	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

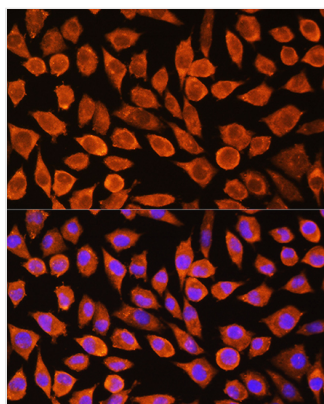
PRODUCT SYNONYMS

PDXP; Polyclonal Antibody; PDXP Rabbit pAb; CIN; PLP; dJ37E16.5; anti-PDXP antibody

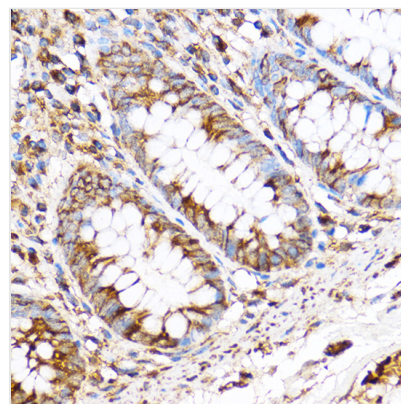
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	VETASGRQAL VVGKPSPYMF ECITENFSID PARTLMVGDR LETDILFGHR CGMTTVLTLT GVSRLEEAQA YLAAGQHDLV PHYVYESIAD LTEGLED
Applicable Applications for anti-PDXP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human PDXP (NP_064711.1).
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

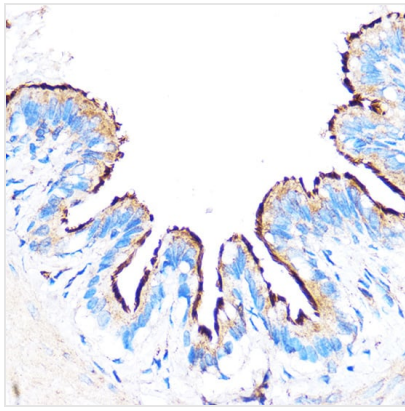
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using PDXP Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

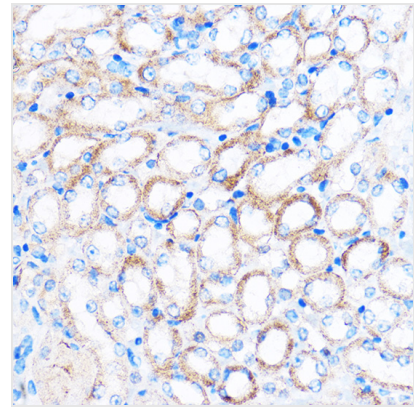

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using PDXP Rabbit pAb at dilution of 1:100 (40x lens).



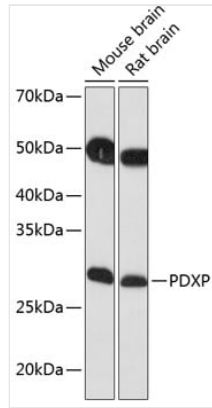
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Rat lung using PDXP Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using PDXP Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PDXP Polyclonal Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PDXP antibody	Background: 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.
Product Categories/Family for anti-PDXP antibody	Signal Transduction ; Kinase ; Serine/threonine kinases ; Research ; Cell Biology & Developmental Biology ; Cytoskeleton ; Actins

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092677
NCBI GeneID	57026
NCBI Accession #	NP_064711.1
NCBI GenBank Nucleotide #	NM_020315.4
UniProt Accession #	Q96GD0 ; Q9UGY2
Molecular Weight	31,698 Da
NCBI Official Full Name	pyridoxal phosphate phosphatase
NCBI Official Synonym Full Names	pyridoxal (pyridoxine, vitamin B6) phosphatase

NCBI Official Symbol	PDXP
NCBI Official Synonym Symbols	CIN; PLP; dJ37E16.5
NCBI Protein Information	pyridoxal phosphate phosphatase; chronophin; PLP phosphatase
UniProt Protein Name	Pyridoxal phosphate phosphatase
UniProt Gene Name	PDXP
UniProt Synonym Gene Names	CIN; PLP; PLPP; PLP phosphatase
UniProt Entry Name	PLPP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdpx-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281791>