

Rabbit PDP2 Polyclonal Antibody | anti-PDP2 antibody

PDP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323342	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

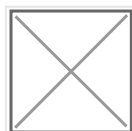
PRODUCT SYNONYMS

PDP2; Polyclonal Antibody; PDP2 Antibody; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2; KIAA1348; mitochondrial; PDP 2; Pdp2; PDP2_HUMAN; PDPC 2; PPM2B; PPM2C2; Protein phosphatase 2C magnesium dependent catalytic subunit 2; Protein phosphatase Mg2+/Mn2+ dependent 2B; Pyruvate dehydrogenase phosphatase 2; Pyruvate dehydrogenase phosphatase catalytic subunit 2; pyruvate dehydrogenase phosphatase isoenzyme 2; Pyruvate dehydrogenase phosphatase; catalytic subunit 2; anti-PDP2 antibody

PRODUCT SPECIFICATIONS

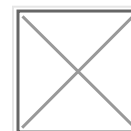
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PDP2 antibody detects endogenous levels of total PDP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-PDP2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion Matrix.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (83%), Bovine (82%), Horse (92%), Sheep (82%), Rabbit (82%), Dog (100%)
Conjugation	Unconjugated

IMAGES



WB (Western Blot)

Western blot analysis of PDP2 expression in Jurkat cell lysate, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323342 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using PDP2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PDP2 antibody

Description: Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.
Subunit Structure: Heterodimer of a catalytic subunit and a FAD protein of unknown function.
Similarity: Belongs to the PP2C family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1050115305
NCBI GeneID	57546
NCBI Accession #	NP_001316857.1
NCBI GenBank Nucleotide #	NM_001329928.1
UniProt Accession #	Q9P2J9; A8K924
Molecular Weight	Observed: 60 kDa Predicted: 60 kDa
NCBI Official Full Name	[Pyruvate dehydrogenase
NCBI Official Synonym Full Names	pyruvate dehydrogenase phosphatase catalytic subunit 2
NCBI Official Symbol	PDP2
NCBI Official Synonym Symbols	PPM2B; PDPC 2; PPM2C2
NCBI Protein Information	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial
UniProt Protein Name	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial
UniProt Gene Name	PDP2
UniProt Synonym Gene Names	KIAA1348; PDP 2; PDPC 2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdp2-antibody-immunohistochemistry-western-blot-elisa/323342>