

Rabbit anti-Mouse, Rat Pyruvate Dehydrogenase Phosphatase 2 Polyclonal Antibody | anti-PDP2 antibody

Polyclonal Antibody to Pyruvate Dehydrogenase Phosphatase 2 (PDP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145802	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

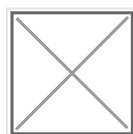
PRODUCT SYNONYMS

Pyruvate Dehydrogenase Phosphatase 2; Polyclonal Antibody; Polyclonal Antibody to Pyruvate Dehydrogenase Phosphatase 2 (PDP2); PPM2C2; PDPC 2; Protein Phosphatase 2C; Magnesium-Dependent; Catalytic Subunit 2; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2; mitochondrial; anti-PDP2 antibody

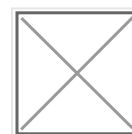
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PDP2. It has been selected for its ability to recognize PDP2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-PDP2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PDP2 (Met1~Ile187)
Conjugate	No Conjugate
Cross Reactivity	Mouse, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant PDP2 (Met1~Ile187) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded liver tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Skeletal muscle lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat PDP2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	48675865
NCBI GeneID	246311
NCBI Accession #	NP_659559.2
NCBI GenBank Nucleotide #	NM_145091.4
UniProt Accession #	O88484; Q6IN27
Molecular Weight	59,654 Da
NCBI Official Full Name	[Pyruvate dehydrogenase
NCBI Official Synonym Full Names	pyruvate dehydrogenase phosphatase catalytic subunit 2
NCBI Official Symbol	Pdp2
NCBI Protein Information	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial; 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	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/pyruvate-dehydrogenase-phosphatase-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145802>