

Rabbit anti-Human PDP1 Polyclonal Antibody | anti-PDP1 antibody

PDP1 Antibody

CATALOG # AAA301720	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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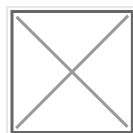
PRODUCT SYNONYMS

PDP1; Polyclonal Antibody; PDP1 Antibody; PDH; PDP; PDPC; PPM2C; anti-PDP1 antibody

PRODUCT SPECIFICATIONS

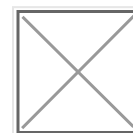
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PDP1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	562
Applicable Applications for anti-PDP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human pyruvate dehydrogenase phosphatase catalytic subunit 1
Target Name	PDP1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Human bladder carcinoma tissue Amount of lysate: 40ug per lane Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PDP1 antibody

Pyruvate dehydrogenase (E1) is one of the three components (E1, E2, and E3) of the large pyruvate dehydrogenase complex. Pyruvate dehydrogenase kinases catalyze phosphorylation of serine residues of E1 to inactivate the E1 component and inhibit the complex. Pyruvate dehydrogenase phosphatases catalyze the dephosphorylation and activation of the E1 component to reverse the effects of pyruvate dehydrogenase kinases. Pyruvate dehydrogenase phosphatase is a heterodimer consisting of catalytic and regulatory subunits.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239985422
NCBI GeneID	54704
NCBI Accession #	NP_001155251.1
NCBI GenBank Nucleotide #	NM_001161779.1
UniProt Accession #	Q9P0J1; Q5U5K1; B3KX71; J3KPU0
Molecular Weight	63,695 Da
NCBI Official Full Name	pyruvate dehydrogenase phosphatase catalytic subunit 1 isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase phosphatase catalytic subunit 1
NCBI Official Symbol	PDP1
NCBI Official Synonym Symbols	PDH; PDP; PDPC; PPM2C
NCBI Protein Information	pyruvate dehydrogenase phosphatase catalytic subunit 1
UniProt Protein Name	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial
UniProt Gene Name	PDP1
UniProt Synonym Gene Names	PDP; PPM2C; PDP 1; PDPC 1
UniProt Entry Name	PDP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdp1-antibody-immunohistochemistry-western-blot-elisa/301720>