

Rabbit PDHA1 Polyclonal Antibody | anti-PDHA1 antibody

Anti-PDHA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260030	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Porcine, Zebrafish	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PDHA1; Polyclonal Antibody; Anti-PDHA1 Antibody; PHE1A; Pyruvate dehydrogenase E1 component subunit alpha; somatic form; mitochondrial; PDHE1-A type I; anti-PDHA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Porcine, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PDHA1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	390
Applicable Applications for anti-PDHA1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PDHA1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PDHA1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PDHA1 expression in HepG2 (A), HUVEC (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PDHA1 antibody	Rabbit polyclonal antibody to PDHA1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505685
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NCBI GeneID	5160
NCBI Accession #	NP_000275.1
NCBI GenBank Nucleotide #	NM_000284.3
UniProt Accession #	P08559; Q53H41; Q5JPT8; Q9NP12; Q9UBJ8; Q9UBU0; Q9UNG4; Q9UNG5; A5YVE9; B2R5P7; B7Z3T7; B7Z3X5
Molecular Weight	47,580 Da
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase (lipoamide) alpha 1
NCBI Official Symbol	PDHA1
NCBI Official Synonym Symbols	PDHA; PDHAD; PHE1A; PDHCE1A
NCBI Protein Information	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
UniProt Protein Name	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
UniProt Gene Name	PDHA1
UniProt Synonym Gene Names	PHE1A
UniProt Entry Name	ODPA_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/pdha1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/260030>