

Rabbit PDHA1 Polyclonal Antibody | anti-PDHA1 antibody

PDHA1 Antibody

CATALOG # AAA225202	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
-------------------------------	-----------------------	--

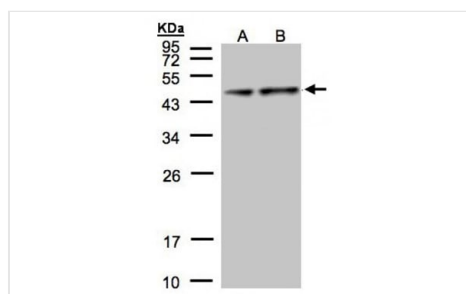
PRODUCT SYNONYMS

PDHA1; Polyclonal Antibody; PDHA1 Antibody; Affinity Purified Rabbit Polyclonal PDHA1 Antibody; Polyclonal PDHA1 antibody; Anti-PDHA1 antibody; PDHE1-A type I antibody; PDHA-1; pyruvate dehydrogenase complex E1-alpha polypeptide 1 antibody; PDHA 1; PDHA-1 antibody; PDHA antibody; pyruvate dehydrogenase E1 component subunit alpha somatic form mitochondrial antibody; PHE1A antibody; PDHCE1A antibody; Pyruvate Dehydrogenase E1 alpha antibody; PDHA 1 antibody; anti-PDHA1 antibody

PRODUCT SPECIFICATIONS

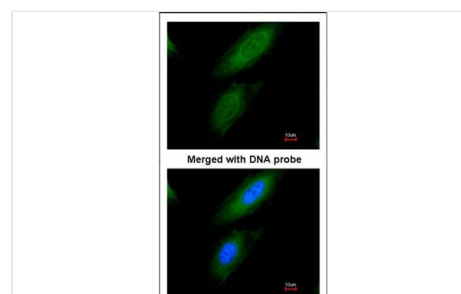
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	390
Applicable Applications for anti-PDHA1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	PDHA1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 39 and 325
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



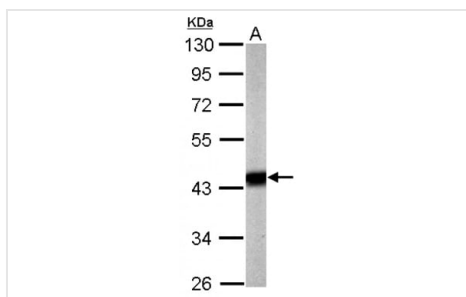
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2; B: MOLT4) using a 12% SDS PAGE gel and PDHA1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Pyruvate Dehydrogenase E1 alpha antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 10% SDS PAGE gel and PDHA1 antibody at a dilution of 1:5000

ADDITIONAL INFORMATION

Related Product Information for anti-PDHA1 antibody	The pyruvate dehydrogenase complex is a nuclear-encoded mitochondrial matrix multienzyme complex that provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle by catalyzing the irreversible conversion of pyruvate into acetyl-CoA. The PDH complex is composed of multiple copies of 3 enzymes: E1 dihydrolipoyl transacetylase; and dihydrolipoyl dehydrogenase. The E1 enzyme is a heterotetramer of 2 alpha and 2 beta subunits.
Product Categories/Family for anti-PDHA1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505685
NCBI GeneID	5160
NCBI GenBank Nucleotide #	NP_000275.1
UniProt Accession #	P08559
Molecular Weight	43 kDa
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase E1 alpha 1 subunit
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.

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

Online datasheet: <https://www.aaabiotech.com/polyclonal/pdha1-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225202>