

Rabbit anti-Human PDHA2 Polyclonal Antibody | anti-PDHA2 antibody

PDHA2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284288	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PDHA2; Polyclonal Antibody; PDHA2 Antibody (Center); Pyruvate dehydrogenase E1 component subunit alpha; testis-specific form; mitochondrial; PDHE1-A type II; PDHAL; anti-PDHA2 antibody

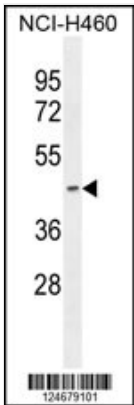
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDHA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-314 amino acids from the Central region of human PDHA2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	287-314
Sequence Length	388
Applicable Applications for anti-PDHA2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PDHA2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PDHA2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PDHA2 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the PDHA2 antibody detected the PDHA2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PDHA2 antibody	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).
Product Categories/Family for anti-PDHA2 antibody	Metabolism; Signal Transduction
References	Pinheiro, A., et al. Mol. Genet. Metab. 99(4):425-430(2010) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Caruso, M., et al. J. Biol. Chem. 276(48):45088-45097(2001) Jacobia, S.J., et al. Arch. Biochem. Biophys. 395(1):121-128(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885543
NCBI GeneID	5161
NCBI Accession #	NP_005381.1
NCBI GenBank Nucleotide #	NM_005390.4
UniProt Accession #	P29803; Q0VDI5; Q4VC02; Q6NXQ1; B2R9Q3
Molecular Weight	42933
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial
NCBI Official Synonym Full Names	pyruvate dehydrogenase (lipoamide) alpha 2
NCBI Official Symbol	PDHA2
NCBI Official Synonym Symbols	PDHAL
NCBI Protein Information	pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial
UniProt Protein Name	Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial
UniProt Gene Name	PDHA2
UniProt Synonym Gene Names	PDHAL

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/pdha2-antibody-immunohistochemistry-western-blot-elisa/284288>