

Rabbit PDHB Polyclonal Antibody | anti-PDHB antibody

PDHB antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199873	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

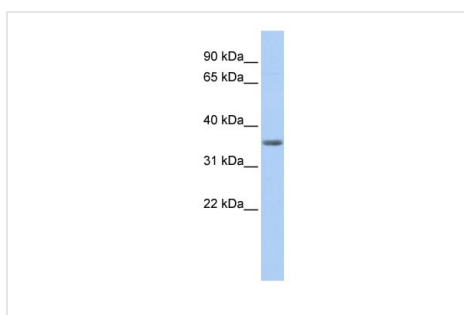
PRODUCT SYNONYMS

PDHB; Polyclonal Antibody; PDHB antibody - N-terminal region; anti-PDHB antibody

PRODUCT SPECIFICATIONS

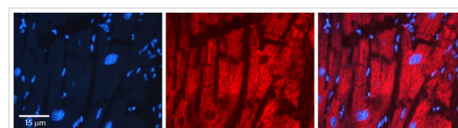
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GLWKYGDKR II DTP ISEMGFA GIAVGAAMAGLRPICEFMTF NFSMQAID
Sequence Length	359
Applicable Applications for anti-PDHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDHB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PDHB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human heart



IHC (Immunohistochemistry)

Rabbit Anti-PDHB Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PDHB antibody	This is a rabbit polyclonal antibody against PDHB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO2. It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).
Product Categories/Family for anti-PDHB antibody	Polyclonal; Drugs and Drug Metabolism; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564403
NCBI GeneID	5162
NCBI Accession #	NP_000916
NCBI GenBank Nucleotide #	NM_000925
UniProt Accession #	P11177
Molecular Weight	39kDa
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit beta, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase E1 beta subunit
NCBI Official Symbol	PDHB
NCBI Official Synonym Symbols	PDHBD; PHE1B; PDHE1B; PDHE1-B
NCBI Protein Information	pyruvate dehydrogenase E1 component subunit beta, mitochondrial
UniProt Protein Name	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial
UniProt Gene Name	PDHB
UniProt Synonym Gene Names	PHE1B; PDHE1-B
UniProt Entry Name	ODPB_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://www.aaabiotech.com/polyclonal/pdhb-antibody-immunohistochemistry-western-blot-elisa/199873>