

PDHB Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21567b

Specification

PDHB Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P11177
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	39233

PDHB Antibody (C-term) - Additional Information

Gene ID 5162

Other Names

Pyruvate dehydrogenase E1 component subunit beta, mitochondrial, PDHE1-B, PDHB, PHE1B

Target/Specificity

This PDHB antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 324-356 amino acids from the C-terminal region of human PDHB.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PDHB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDHB Antibody (C-term) - Protein Information

Name PDHB

Synonyms PHE1B

Function The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to

acetyl-CoA and CO₂), and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location

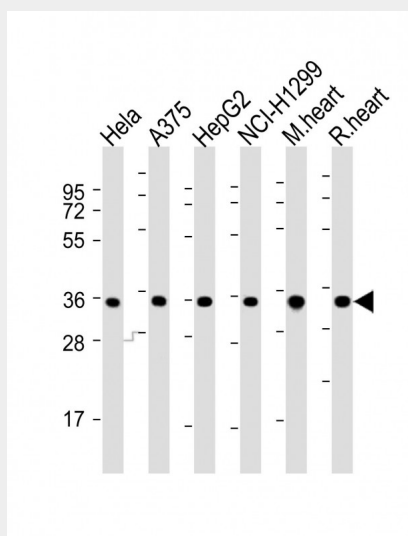
Mitochondrion matrix.

PDHB Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDHB Antibody (C-term) - Images



All lanes : Anti-PDHB Antibody (C-term) at 1:2000 dilution Lane 1: HeLa whole cell lysates Lane 2: A375 whole cell lysates Lane 3: HepG2 whole cell lysates Lane 4: NCI-H1299 whole cell lysates Lane 5: mouse heart lysates Lane 6: rat heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

PDHB Antibody (C-term) - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂), and thereby links the glycolytic pathway to the tricarboxylic cycle.

PDHB Antibody (C-term) - References

- Ho L.,et al.Gene 86:297-302(1990).
Chun K.,et al.Eur. J. Biochem. 194:587-592(1990).
Huh T.L.,et al.J. Biol. Chem. 265:13320-13326(1990).
Koike K.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:5594-5597(1990).

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