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PDHE1A(S232) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22387a

Specification

PDHE1A(S232) Antibody - Product Information

Application	**WB,E**
Primary Accession	P08559
Other Accession	A7MB35, Q8HXW9, P35486, P29804, P26284
Reactivity	**Human, Mouse, Rat**
Predicted	**Bovine, Monkey, Pig**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43296**

PDHE1A(S232) Antibody - Additional Information

Gene ID 5160

Other Names
Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial, 1.2.4.1, PDHE1-A type I, PDHA1, PHE1A

Target/Specificity
This PDHE1A(S232) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 206-237 amino acids from the human region of human PDHE1A(S232).

Dilution
WB~~1:2000

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
PDHE1A(S232) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PDHE1A(S232) Antibody - Protein Information

Name PDHA1

Synonyms PHE1A

Function The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location
Mitochondrion matrix.

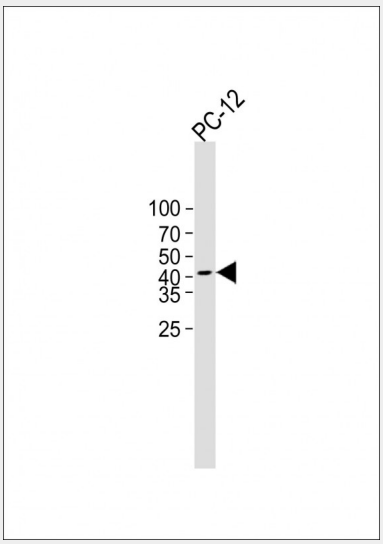
Tissue Location
Ubiquitous.

PDHE1A(S232) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDHE1A(S232) Antibody - Images



All lanes: Anti-PDHE1A(S232) Antibody at 1:2000 dilution + PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 43 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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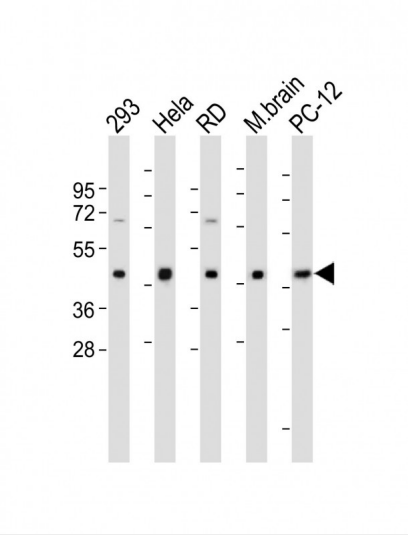
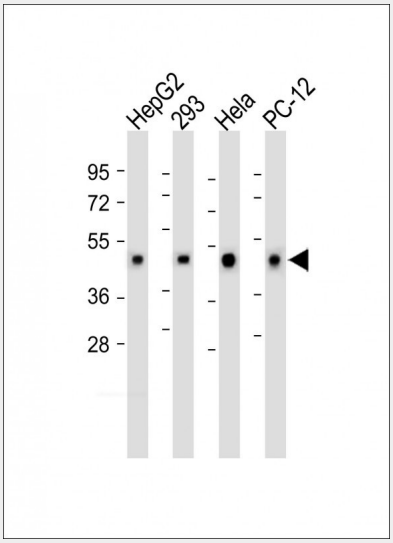


All lanes : Anti-PDHE1A(S232) Antibody at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: RD whole cell lysate Lane 4: Mouse brain whole lysate Lane 5: PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-PDHE1A(S232) Antibody at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: 293 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size :43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PDHE1A(S232) Antibody - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

PDHE1A(S232) Antibody - References

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Dahl H.-H.M.,et al.J. Biol. Chem. 262:7398-7403(1987).

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