

Rabbit PDHE1A Polyclonal Antibody | anti-PDHE1A antibody

PDHE1A (S232) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290974	Rabbit	Human, Mouse, Rat Predicted Reactivity: Bovine, Monkey, Pig	Western Blot

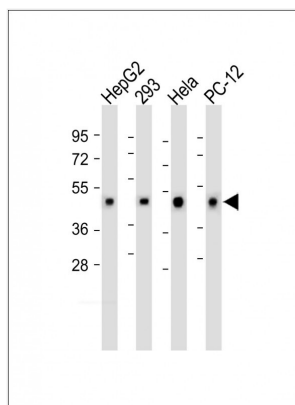
PRODUCT SYNONYMS

PDHE1A; Polyclonal Antibody; PDHE1A (S232) Antibody; Purified Rabbit Polyclonal Antibody (Pab); Pyruvate dehydrogenase E1 component subunit alpha; somatic form; mitochondrial; 1.2.4.1; PDHE1-A type I; PDHA1; PHE1A; anti-PDHE1A antibody

PRODUCT SPECIFICATIONS

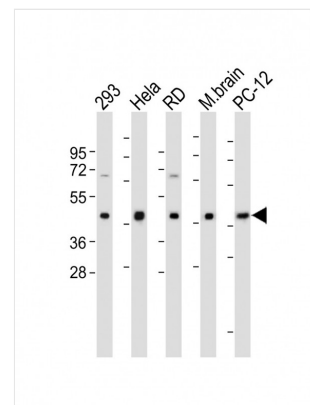
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Bovine, Monkey, Pig
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB61811
Specificity	This PDHE1A(S232) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 206-237 amino acids from the human region of human PDHE1A(S232).
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.
Applicable Applications for anti-PDHE1A antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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 ug 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.



WB (Western Blot)

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 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-PDHE1A antibody	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.
Product Categories/Family for anti-PDHE1A antibody	Primary Antibodies; Cancer; Metabolism; Signal Transduction; Mitochondrion
References	Koike K.,et al.Gene 93:307-311(1990).Ho L.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:5330-5334(1989).Huh T.L.,et al.Submitted (APR-1990) to the EMBL/GenBank/DDBJ databases.Dahl H.-H.M.,et al.J. Biol. Chem. 262:7398-7403(1987).Maragos C.,et al.J. Biol. Chem. 264:12294-12298(1989).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505685
NCBI GeneID	5160
NCBI Accession #	NP_000275.1
NCBI GenBank Nucleotide #	NM_000284.3
UniProt Accession #	P08559; A7MB35; Q8HXLW9; P35486; P29804; P26284
Molecular Weight	43,296 Da
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase (lipoamide) alpha 1
NCBI Official Symbol	PDHA1
NCBI Official Synonym Symbols	PDHA; PHE1A; PDHCE1A
NCBI Protein Information	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PDHE1-A type I; pyruvate dehydrogenase complex, E1-alpha polypeptide 1
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://stage.aaabiotech.com/polyclonal/pdhe1a-antibody-clone-rb61811-western-blot-elisa/290974>