

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

PDHA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231269	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

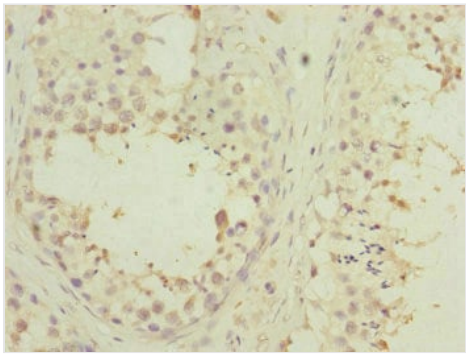
PRODUCT SYNONYMS

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

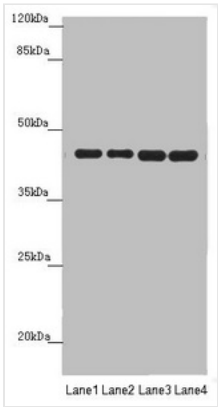
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	388
Applicable Applications for anti-PDHA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial protein (C-270AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-103808 / sc-103809
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA231269 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: PDHA2 antibody at 1.62 ug/mL
Lane 1: Mouse gonadal tissue
Lane 2: 293T whole cell lysate
Lane 3: A549 whole cell lysate
Lane 4: HepG-2 whole cell lysate
SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 43 kDa
Observed band size: 43 kDa

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

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	42,933 Da
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
UniProt Entry Name	ODPAT_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.