

Rabbit anti-Human PDHX Polyclonal Antibody | anti-PDHX antibody

Rabbit anti-human PDHX polyclonal Antibody

CATALOG # AAA118332	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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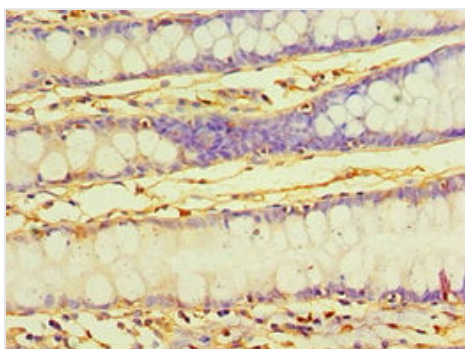
PRODUCT SYNONYMS

PDHX; Polyclonal Antibody; Rabbit anti-human PDHX polyclonal Antibody; Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex; E3-binding protein; E3BP; Lipoyl-containing pyruvate dehydrogenase complex component X; proX; PDX1; anti-PDHX antibody

PRODUCT SPECIFICATIONS

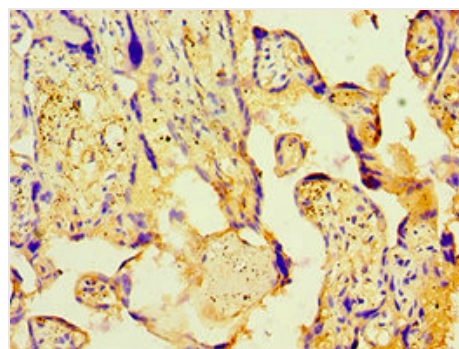
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	486
Applicable Applications for anti-PDHX antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Pyruvate dehydrogenase protein X component, mitochondrial protein (1-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79236 / sc-79238 / sc-98751 / sc-130745 / sc-98752
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



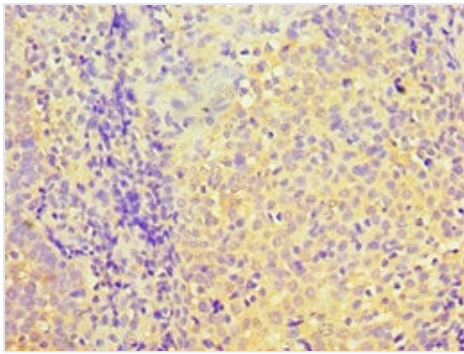
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA118332 at dilution 1:100

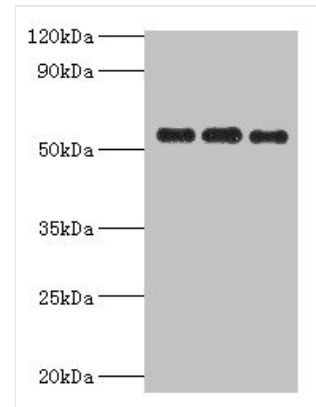


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA118332 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil using AAA118332 at dilution 1:100



WB (Western Blot)
All lanes: PDHX antibody at 6ug/ml
Lane 1: 293T whole cell lysate
Lane 2: PC-3 whole cell lysate
Lane 3: MCF-7 whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 55, 30, 52 kDa
Observed band size: 54 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDHX antibody	Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	203098816
NCBI GeneID	8050
NCBI Accession #	NP_001128496.1
NCBI GenBank Nucleotide #	NM_001135024.1
UniProt Accession #	O00330; O60221; Q96FV8; Q99783; B4DW62; D3DR11; E9PB14; E9PBP7
Molecular Weight	51,460 Da
NCBI Official Full Name	pyruvate dehydrogenase protein X component, mitochondrial isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase complex component X
NCBI Official Symbol	PDHX
NCBI Official Synonym Symbols	E3BP; OPDX; PDX1; proX; DLDBP
NCBI Protein Information	pyruvate dehydrogenase protein X component, mitochondrial
UniProt Protein Name	Pyruvate dehydrogenase protein X component, mitochondrial
UniProt Gene Name	PDHX
UniProt Synonym Gene Names	PDX1; E3BP
UniProt Entry Name	ODPX_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.