

Rabbit anti-Human, Pig Pyruvate Dehydrogenase Complex Component X Polyclonal Antibody | anti-PDHX antibody

Polyclonal Antibody to Pyruvate Dehydrogenase Complex Component X (PDHX)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20946	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

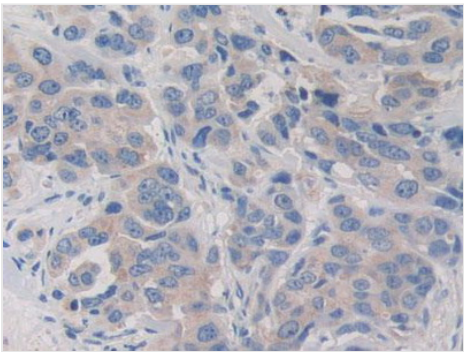
PRODUCT SYNONYMS

Pyruvate Dehydrogenase Complex Component X; Polyclonal Antibody; Polyclonal Antibody to Pyruvate Dehydrogenase Complex Component X (PDHX); anti-PDHX antibody

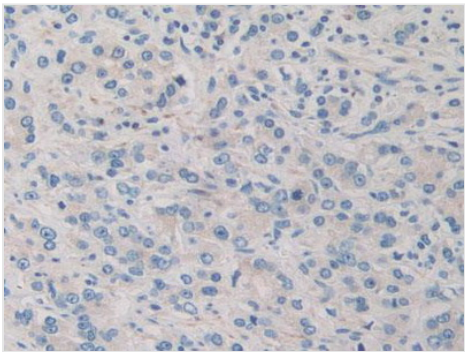
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PDHX. It has been selected for its ability to recognize PDHX in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-VQLKQTGK ITESRPTAP TATPTAPSPL QATAGPSYPR PVIPPVSTPG QPNAVGTFTF IPASNIRRV AKRLTESKST VPHAYATADC DLGAVLKVRQ DLVKDDIKVS VNDFIKAAA VTLKQMPDVN VSWDGEGPKQ LPFIDISVAV ATDKGLLTPI IKDAAAKGIQ EIADSVKALS KKARDGKLLP EEYQGGSFSL SNL
Applicable Applications for anti-PDHX antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	PDHX (Val220~Thr468)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant PDHX (Val220~Thr468) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

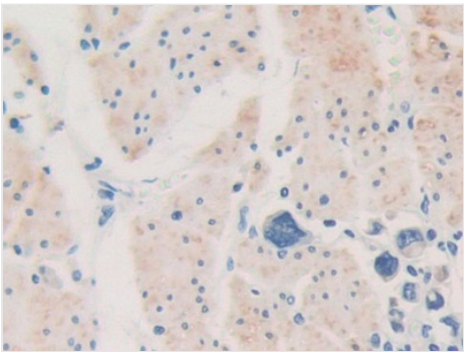
IMAGES



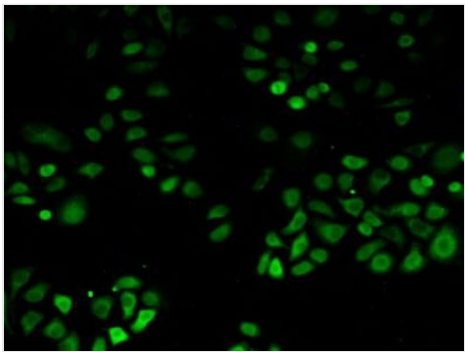
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast Cancer Tissue.



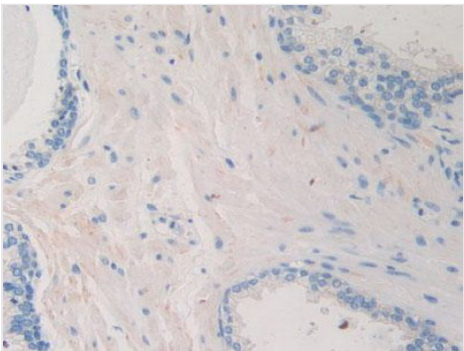
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Cancer Tissue



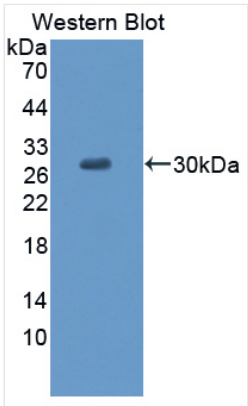
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Cancer Tissue



IHC (Immunohistochemistry)
FITC staining on IHC-P; Samples: Human HeLa Cells



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant PDHX, Human.

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; PDHxD
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

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/pyruvate-dehydrogenase-complex-component-x-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20946>