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**

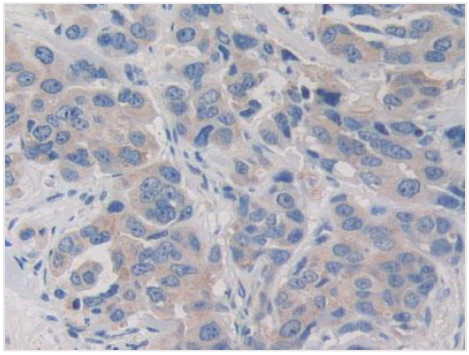
PRODUCT SYNONYMS

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

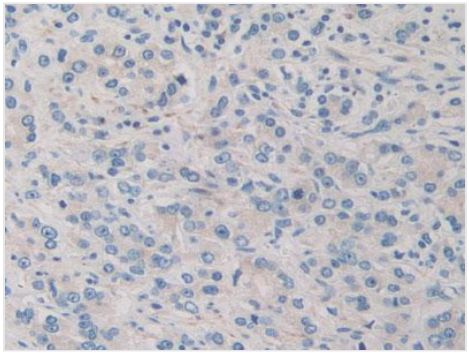
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PDHX. It has beenselected for its ability to recognize PDHX in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwitht woN-termin alTags,His -tagandT7- taganditss equenceisl istedbelow . MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-VQLKQTGK ITESRPTPAP TATPTAPSPL QATAGPSYPR PVIPPVSTPG QPNAVGTFTE IPASNIRRVI AKRLTESKST VPHAYATADC DLGAVLKVRQ DLVKDDIKVS VNDFIIKAAA VTLKQMPDVN VSWDGEGPKQ LPFIDISVAV ATDKGLLTPI IKDAAAKGIQ EIADSVKALS KKARDGKLLP EEYQGGSFSI 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.

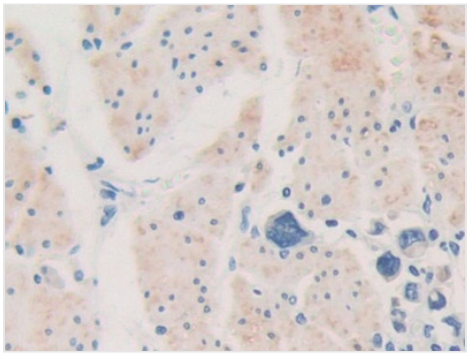
IMAGES



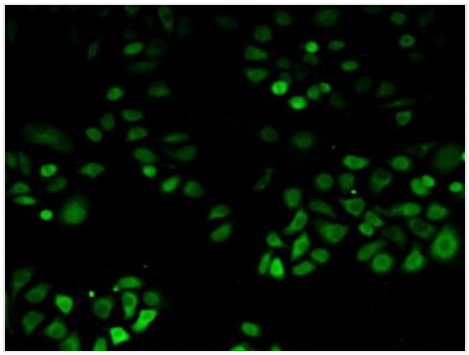
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast Cancer Tissue.



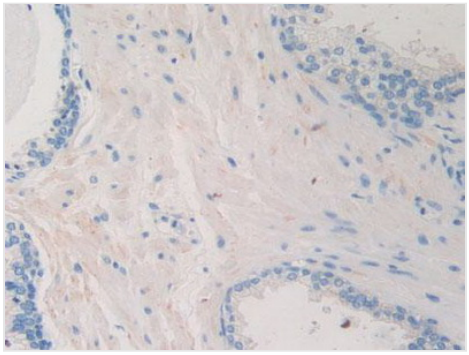
IHC (Immunohistchemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Cancer Tissue



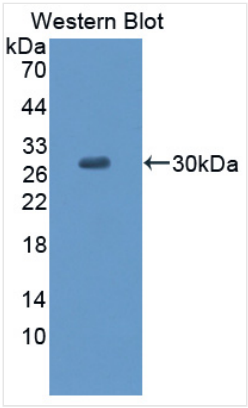
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Cancer Tissue



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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/pyruvate-dehydrogenase-complex-component-x-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20946