

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

PRODH Antibody

CATALOG # AAA232636	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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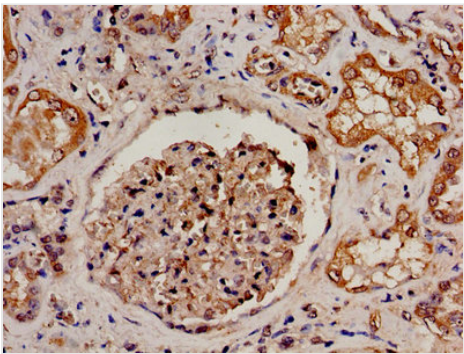
PRODUCT SYNONYMS

PRODH; Polyclonal Antibody; PRODH Antibody; Proline dehydrogenase 1; mitochondrial; Proline oxidase; Proline oxidase 2; p53-induced gene 6 protein; PIG6; POX2; anti-PRODH antibody

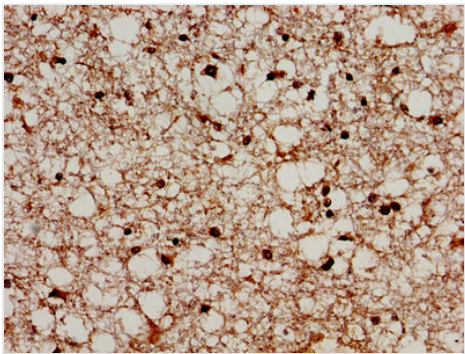
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	492
Applicable Applications for anti-PRODH antibody	ELISA
Immunogen	Recombinant Human Proline dehydrogenase 1, mitochondrial protein (71-134AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79583 / sc-79585 / sc-98682
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

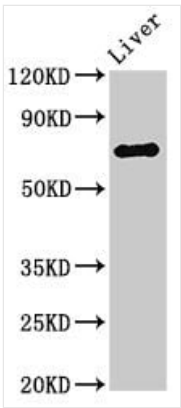
IMAGES



IHC (Immunohistochemisry)
IHC image of AAA232636 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)
IHC image of AAA232636 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: Rat liver tissueAll lanes: PROD H antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 69,57,60 KDaObserved band size: 69 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PROD H antibody	Converts proline to delta-1-pyrroline-5-carboxylate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	304766647
NCBI GeneID	5625
NCBI Accession #	NP_001182155.1
NCBI GenBank Nucleotide #	NM_001195226.1
UniProt Accession #	O43272; O14680; Q0P507; Q147W8; Q504W1; Q59FI8; Q6NV86; Q9UF13; A6NF53
Molecular Weight	59,231 Da
NCBI Official Full Name	proline dehydrogenase 1, mitochondrial isoform 2
NCBI Official Synonym Full Names	proline dehydrogenase 1
NCBI Official Symbol	PROD H

NCBI Official Synonym Symbols	POX; PIG6; HSPOX2; PRODH1; PRODH2; TP53I6
NCBI Protein Information	proline dehydrogenase 1, mitochondrial
UniProt Protein Name	Proline dehydrogenase 1, mitochondrial
UniProt Gene Name	PRODH
UniProt Synonym Gene Names	PIG6; POX2
UniProt Entry Name	PROD_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prodh-antibody-elisa/232636>