

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

Rabbit anti-PRODH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220735	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

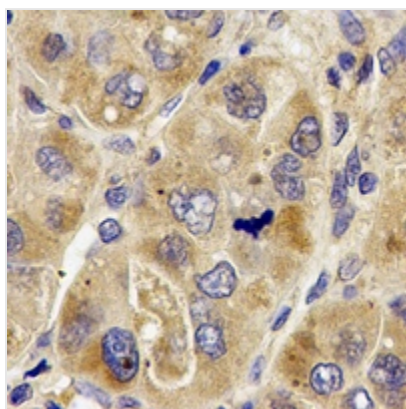
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

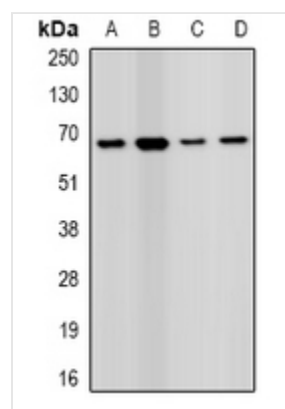
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PRODH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PRODH
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PRODH staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PRODH expression in MCF7 (A), HEK293T (B), mouse liver (C), mouse kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRODH antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183227691
NCBI GeneID	5625
NCBI Accession #	NP_057419.3
NCBI GenBank Nucleotide #	NM_016335.3
UniProt Accession #	O43272; Q9WU79
Molecular Weight	59,231 Da
NCBI Official Full Name	proline dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	proline dehydrogenase (oxidase) 1
NCBI Official Symbol	PRODH
NCBI Official Synonym Symbols	POX; PIG6; HSPOX2; PRODH1; PRODH2; TP53I6
NCBI Protein Information	proline dehydrogenase 1, mitochondrial; proline oxidase 2; p53-induced gene 6 protein; proline oxidase, mitochondrial; tumor protein p53 inducible protein 6
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/prodh-antibody-immunohistochemistry-western-blot-elisa/220735>