

Rabbit anti-Mouse, Rat Proline Dehydrogenase Polyclonal Antibody | anti-PRODH antibody

Proline Dehydrogenase, Mitochondrial (PRODH) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145229	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

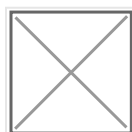
PRODUCT SYNONYMS

Proline Dehydrogenase; Polyclonal Antibody; Mitochondrial (PRODH) Polyclonal Antibody; PDH; PIG6; POX2; PRODH1; PRODH2; SCZD4; TP53I6; p53-induced gene 6 protein; L-Proline Dehydrogenase; L-Proline(acceptor)Oxidoreductase; Proline Oxidase 1; anti-PRODH antibody

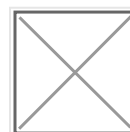
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PRODH. It has been selected for its ability to recognize PRODH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-PRODH antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	PRODH (Arg398~Gly551)
Quality Control	Content: The quality control contains recombinant PRODH (Arg398~Gly551) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
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: Mouse Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118601004
NCBI GeneID	19125
NCBI Accession #	NP_035302.2
NCBI GenBank Nucleotide #	NM_011172.2
UniProt Accession #	Q9WU79; Q3UNR4; Q9QX61; A0JLW6
Molecular Weight	68,036 Da
NCBI Official Full Name	proline dehydrogenase 1, mitochondrial
NCBI Official Synonym Full Names	proline dehydrogenase
NCBI Official Symbol	Prodh
NCBI Official Synonym Symbols	Pro1; Pro-1; Ym24d07
NCBI Protein Information	proline dehydrogenase 1, mitochondrial
UniProt Protein Name	Proline dehydrogenase 1, mitochondrial
UniProt Gene Name	Prodh
UniProt Synonym Gene Names	Pro1

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/proline-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145229>