

Rabbit PRODH2 Polyclonal Antibody | anti-PRODH2 antibody

PRODH2 antibody - C-terminal region

CATALOG # AAA198951	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Pig, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

PRODH2; Polyclonal Antibody; PRODH2 antibody - C-terminal region; anti-PRODH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LG IPLDGTVCFG QLLGMCDHVS LALGQAGYVV YKSIPYGSLE EVIPYLIR
Sequence Length	536 amino acids
Applicable Applications for anti-PRODH2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PRODH2
Test Species Reactivity	Human
Blocking Peptide	For anti-PRODH2 antibody
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



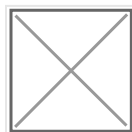
WB (Western Blot)

WB Suggested Anti-PRODH2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate PRODH2 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: Rabbit Target Name: PRODH2 Sample Tissue: Human MCF7 Whole Cell Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-PRODH2 Antibody Paraffin Embedded Tissue: Human Intestine Cellular Data: Epithelial cells of intestinal villas Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PRODH2 antibody	This is a rabbit polyclonal antibody against PRODH2. It was validated on Western Blot and immunohistochemistry Target Description: PRODH2 is similar to proline dehydrogenase (oxidase) 1, a mitochondrial enzyme which catalyzes the first step in proline catabolism. The function of this protein has not been determined.The protein encoded by this gene is similar to proline dehydrogenase (oxidase) 1, a mitochondrial enzyme which catalyzes the first step in proline catabolism. The function of this protein has not been determined.
Product Categories/Family for anti-PRODH2 antibody	Polyclonal; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	10864043
NCBI GeneID	58510
NCBI Accession #	NP_067055
NCBI GenBank Nucleotide #	NM_021232
UniProt Accession #	Q9UF12
Molecular Weight	59kDa
NCBI Official Full Name	hydroxyproline dehydrogenase
NCBI Official Synonym Full Names	proline dehydrogenase 2
NCBI Official Symbol	PRODH2
NCBI Official Synonym Symbols	HYPDH; HSPOX1
NCBI Protein Information	hydroxyproline dehydrogenase
UniProt Protein Name	Probable proline dehydrogenase 2
UniProt Gene Name	PRODH2
UniProt Synonym Gene Names	HsPOX1
UniProt Entry Name	PROD2_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/prodh2-antibody-western-blot-immunohistochemistry-elisa/198951>