

Rabbit DHODH Polyclonal Antibody | anti-DHODH antibody

DHODH antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199026	Rabbit	Tested Species: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Immunohistochemistry, Western Blot

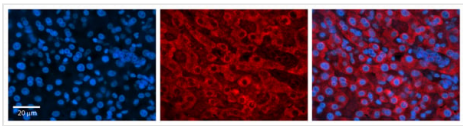
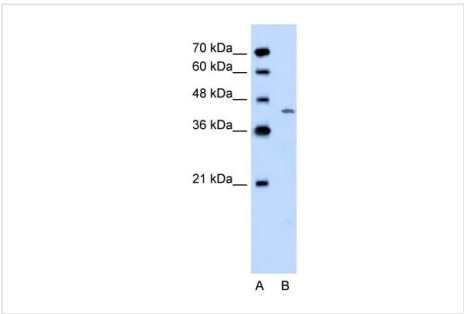
PRODUCT SYNONYMS

DHODH; Polyclonal Antibody; DHODH antibody - C-terminal region; UBC; TMED10; MT2A; FKBP8; SSBP1; SDHA; PLP2; OGDH; NDUFS8; HNRNPM; ILF3; CYC1;; anti-DHODH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
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.
Concentration	0.5mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: GG LSGKPLRDLS TQTIREMYAL TQGRVPIIGV GGVSSGQDAL EKIRAGAS
Sequence Length	395
Applicable Applications for anti-DHODH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 91%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human DHODH
Protein Size (#AA)	395 amino acids
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



IHC (Immunohistochemistry)
DHODH antibody - C-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)
WB Suggested Anti-DHODH Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
DHODH is supported by BioGPS gene expression data to be expressed in Jurkat

ADDITIONAL INFORMATION

Related Product Information for anti-DHODH antibody	This is a rabbit polyclonal antibody against DHODH. It was validated on Western Blot using a cell lysate as a positive control. Target Description: DHODH catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-DHODH antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	45006951
NCBI GeneID	1723
NCBI Accession #	NP_001352
NCBI GenBank Nucleotide #	NM_001361
UniProt Accession #	Q02127
Molecular Weight	43kDa
NCBI Official Full Name	dihydroorotate dehydrogenase (quinone), mitochondrial
NCBI Official Synonym Full Names	dihydroorotate dehydrogenase (quinone)
NCBI Official Symbol	DHODH
NCBI Official Synonym Symbols	URA1; POADS; DHodehase
NCBI Protein Information	dihydroorotate dehydrogenase (quinone), mitochondrial
UniProt Protein Name	Dihydroorotate dehydrogenase (quinone), mitochondrial
UniProt Gene Name	DHODH
UniProt Synonym Gene Names	DHodehase
UniProt Entry Name	PYRD_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://www.aaabiotech.com/polyclonal/dhodh-antibody-immunohistochemistry-western-blot-elisa/199026>