

Rabbit DHODH Polyclonal Antibody | anti-DHODH antibody

DHODH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199011	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

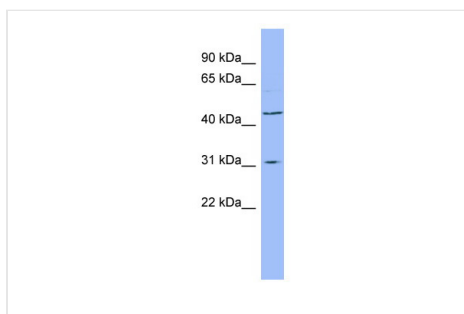
PRODUCT SYNONYMS

DHODH; Polyclonal Antibody; DHODH antibody - N-terminal region; anti-DHODH antibody

PRODUCT SPECIFICATIONS

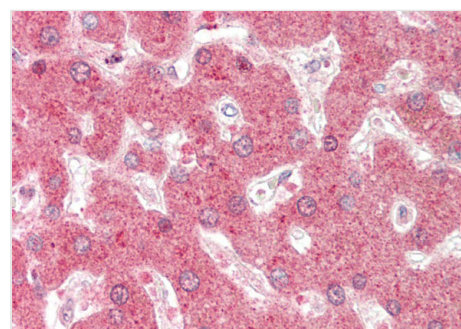
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RF YAEHLMPTLQ GLLDPESAHR LAVRFTSLGL LPRARFQDSD MLEVRVLG
Sequence Length	395
Applicable Applications for anti-DHODH antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DHODH
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-DHODH Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: THP-1 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-DHODH antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

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.
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	42kDa
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://stage.aaabiotech.com/polyclonal/dhodh-antibody-western-blot-elisa/199011>