

DHODH rabbit pAb

Cat#: orb767880 (Manual)

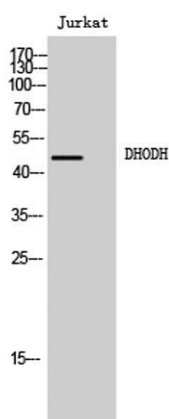
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Product Name	DHODH rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DHODH. AA range:211-260
Specificity	DHODH Polyclonal Antibody detects endogenous levels of DHODH protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Dihydroorotate dehydrogenase
Gene Name	DHODH
Cellular localization	Mitochondrion inner membrane ; Single-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

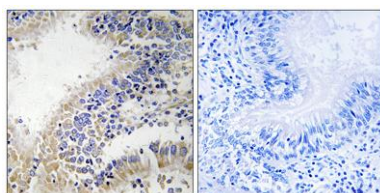
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	1723
Human Swiss-Prot Number	Q02127
Alternative Names	DHODH; Dihydroorotate dehydrogenase; quinone); mitochondrial; DHodehase; Dihydroorotate oxidase

Background

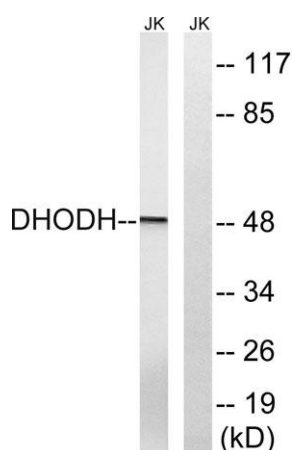
The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008],



Western Blot analysis of Jurkat cells using DHODH Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using DHODH Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using DHODH Antibody. The lane on the right is blocked with the synthesized peptide.