

# DHODH Polyclonal Antibody

Catalog Number PA5-52694

Product Data Sheet

Details		Species Reactivity	
Size	100 µl	Tested species reactivity	Human
Host / Isotype	Rabbit IgG	Tested Applications	Dilution *
Class	Polyclonal	Immunocytochemistry (ICC)	1-4 µg/ml
Type	Antibody	Immunofluorescence (IF)	1-4 µg/ml
Immunogen	Recombinant protein corresponding to Human DHODH	Immunohistochemistry (IHC)	1:20-1:50
Conjugate	Unconjugated	Western Blot (WB)	0.4 µg/ml
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	Lot-Specific		
Purification	Antigen affinity chromatography		
Storage Buffer	PBS, pH 7.2, with 40% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

## Product Specific Information

Immunogen sequence: QERDALRRVH RPAVLVKIAP DLTSQDKEDI ASVVKELGID GLIVTNTTVS RPAGLQGALR SETGGLSGKP LRDLSQTIR EMYALTQGRV PIIGVGGVSS GQDALEKIRA G

Highest antigen sequence identity to the following orthologs: Mouse - 88%, Rat - 90%.

## Background/Target Information

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].

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