

**bs-14305R**

**[ Primary Antibody ]**

## DHODH Rabbit pAb



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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse)  <b>Predicted MW.:</b> 43 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1723	<b>SWISS:</b> Q02127	
<b>Target:</b> DHODH		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DHODH: 251-350/395.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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]		

### — SELECTED CITATIONS —

- **[IF=19]** Wenting Xu. et al. Dual-Release Free Iron and Breakdown of Ferroptosis Defenses to Achieve Ferroptosis Cascade Storms for Potent Antitumor Therapy. ADV FUNCT MATER. 2025 Jan;;2420540 IF,WB ;Mouse. 10.1002/adfm.202420540
- **[IF=5.6]** Yu Shi. et al. Targeting GPX4 alleviates ferroptosis and retards abdominal aortic aneurysm formation. BIOCHEM PHARMACOL. 2025 Feb;;116800 IF ;Human. 39952331