



Datasheet for ABIN1881259
anti-DHODH antibody (AA 166-194)



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Overview

Quantity:	400 µL
Target:	DHODH
Binding Specificity:	AA 166-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHODH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DHODH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-194 amino acids from the Central region of human DHODH.
Clone:	RB40540
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DHODH
Alternative Name:	DHODH (DHODH Products)
Background:	The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated

Target Details

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.

Molecular Weight: 42867

NCBI Accession: [NP_001352](#)

UniProt: [Q02127](#)

Pathways: [Ribonucleoside Biosynthetic Process](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

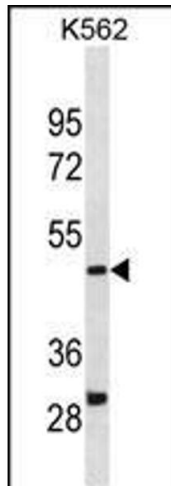
Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**, Vol. 142, Issue 2, pp. 301-5, (1994) ([PubMed](#)).



Western Blotting

Image 1. DHODH Antibody (Center) (ABIN1881259 and ABIN2838399) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the DHODH antibody detected the DHODH protein (arrow).