

Datasheet for ABIN630322

anti-DHODH antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	DHODH
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHODH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DHODH antibody was raised using the N terminal of DHODH corresponding to a region with amino acids FGFVEIGSVTPKPQEGNPRPRVFRLLPEDQAVINRYGFNSHGLSVVEHRLR
Specificity:	DHODH antibody was raised against the N terminal of DHODH
Purification:	Purified

Target Details

Target:	DHODH
Alternative Name:	DHODH (DHODH Products)
Background:	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.

Target Details

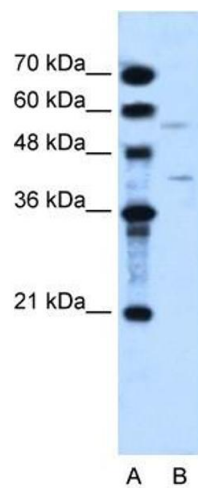
Molecular Weight:	43 kDa (MW of target protein)
Pathways:	Ribonucleoside Biosynthetic Process , Protein targeting to Nucleus

Application Details

Application Notes:	WB: 2.5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	DHODH Blocking Peptide, catalog no. 33R-2902, is also available for use as a blocking control in assays to test for specificity of this DHODH antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of DHODH antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. DHODH antibody used at 2.5 ug/ml to detect target protein.