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anti-IMPDH1 antibody



Image



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Overview

Quantity:	200 μL
Target:	IMPDH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPDH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human IMPDH1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	IMPDH1
Alternative Name:	IMPDH1 (IMPDH1 Products)
Background:	The protein encoded by this gene acts as a homotetramer to regulate cell growth. The encoded
	protein is an enzyme that catalyzes the synthesis of xanthine monophosphate (XMP) from
	inosine-5'-monophosphate (IMP). This is the rate-limiting step in the de novo synthesis of
	guanine nucleotides. Defects in this gene are a cause of retinitis pigmentosa type 10 (RP10).

Target Details

	Several transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	55 kDa
NCBI Accession:	NP_001136045
UniProt:	P20839
Pathways:	Ribonucleoside Biosynthetic Process

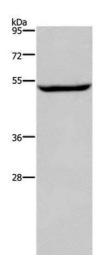
Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western Blot analysis of Raji cell using IMPDH1 Polyclonal Antibody at dilution of 1:450