

Datasheet for ABIN2798707
anti-IMPDH1 antibody (N-Term)



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Overview

Quantity:	400 µL
Target:	IMPDH1
Binding Specificity:	AA 84-113, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit Anti-Human IMPDH1 (N-term) Antibody
Immunogen:	This IMPDH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-113 amino acids from the N-terminal region of human IMPDH1.
Isotype:	Ig Fraction

Target Details

Target:	IMPDH1
Alternative Name:	IMPDH1 (IMPDH1 Products)
Background:	Target Description: 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

Target Details

the de novo synthesis of guanine nucleotides. Defects in this gene are a cause of retinitis pigmentosa type 10 (RP10). Several transcript variants encoding different isoforms have been found for this gene.

Gene Symbol: IMPDH1

Molecular Weight:	55406 Da
Gene ID:	3614
UniProt:	P20839
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western Blot, Immunohistochemistry Recommended Dilutions WB: 1:1000, IHC: 1:10-50IMPDH1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)