

Rabbit IMPDH1 Polyclonal Antibody | anti-IMPDH1 antibody

IMPDH1 Polyclonal Antibody

CATALOG # AAA170220	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

IMPDH1; Polyclonal Antibody; IMPDH1 Polyclonal Antibody; IMPD; RP10; IMPD1; LCA11; sWSS2608; anti-IMPDH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide and 50% glycerol, PH7.4.
Sequence Length	566
Applicable Applications for anti-IMPDH1 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human IMPDH1.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IMPDH1 antibody	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). Several transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217035152
NCBI GeneID	3614
NCBI Accession #	NP_001136045

NCBI GenBank Nucleotide #	NM_001142576.1
UniProt Accession #	P20839; Q8N194; Q96NU2; A4D0Z6; A4D0Z7; A6NDW5; A6NNI6; B3KNP7; B3KVM8; B4DE09; C9JV30; J3KNX8
Molecular Weight	55kDa
NCBI Official Full Name	inosine-5'-monophosphate dehydrogenase 1 isoform d
NCBI Official Synonym Full Names	IMP (inosine 5'-monophosphate) dehydrogenase 1
NCBI Official Symbol	IMPDH1
NCBI Official Synonym Symbols	IMPD; RP10; IMPD1; LCA11; IMPDH-I; sWSS2608
NCBI Protein Information	inosine-5'-monophosphate dehydrogenase 1; IMP (inosine monophosphate) dehydrogenase 1; IMPD 1; IMPDH 1
UniProt Protein Name	Inosine-5'-monophosphate dehydrogenase 1
UniProt Gene Name	IMPDH1
UniProt Entry Name	IMDH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/impdh1-antibody-western-blot-elisa/170220>