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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54364_P050-HRP
Product Page	www.avivasysbio.com/impdh1-antibody-c-terminal-region-hrp-arp54364-p050-hrp.html
Name	IMPDH1 Antibody - C-terminal region : HRP (ARP54364_P050-HRP)
Protein Size (# AA)	589 amino acids
Molecular Weight	63kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3614
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Alias Symbols	IMPD, RP10, IMPD1, LCA11, IMPDH-I, sWSS2608
Peptide Sequence	Synthetic peptide located within the following region: DGVRLKKYRGMGSLDAMEKSSSSQKRYFSEGDKVKIAQGVSGSIQDKGSI
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	UBC; LAMP2; IMPDH2; XRCC6; GMNN; HTRA1; DDX3X; SUMO4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-IMPDH1 (ARP54364_P050-HRP) antibody
Blocking Peptide	Available upon request
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of IMPDH1
Uniprot ID	P20839
Protein Name	Inosine-5'-monophosphate dehydrogenase 1
Sample Type Confirmation	IMPDH1 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_001096075
Purification	Affinity Purified
Nucleotide Accession #	NM_001102605
Gene Symbol	IMPDH1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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