

For Research Use Only

IMPDH2-specific Polyclonal antibody

Catalog Number:55398-1-AP



Basic Information

Catalog Number: 55398-1-AP	GenBank Accession Number: NM_000884	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 3615	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P12268	
Isotype: IgG	Full Name: IMP (inosine monophosphate) dehydrogenase 2	
	Calculated MW: 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse colon tissue, rat colon tissue
Species Specificity: human, mouse, rat	

Background Information

IMPDH2, also named as IMPD2, belongs to the IMPDH/GMPR family. It is a rate limiting enzyme in the de novo synthesis of guanine nucleotides and therefore is involved in the regulation of cell growth. It may also have a role in the development of malignancy and the growth progression of some tumors. IMPDH2 is a key enzyme in the purine nucleotide biosynthetic pathway and constitutes a pivotal biological target for immunosuppressant and antiviral drugs. (PMID:21181270). This antibody is specific to IMPDH2.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

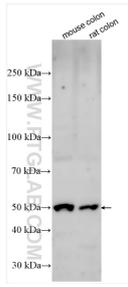
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55398-1-AP (IMPDH2-specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.