



Rabbit anti-Human IMPDH2 polyclonal antibody (DPABH-00588)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Recombinant fragment, corresponding to a region within internal sequence amino acids 88-291 of Human IMPDH2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 10% Glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	IMPDH2 IMP (inosine 5-monophosphate) dehydrogenase 2 [Homo sapiens]
Official Symbol	IMPDH2
Synonyms	IMPDH2; IMP (inosine 5-monophosphate) dehydrogenase 2; inosine-5-monophosphate dehydrogenase 2; IMPD 2; IMPDH 2; IMP oxireductase 2; inosine 5 phosphate dehydrogenase 2; IMP (inosine monophosphate) dehydrogenase 2; inosine monophosphate dehydrogenase type II; IMPD2; IMPDH-II;
Entrez Gene ID	3615
Protein Refseq	NP_000875
UniProt ID	P12268
Chromosome Location	3p21.2
Pathway	Drug metabolism - other enzymes; Metabolic pathways; Metabolism; Metabolism of nucleotides; Purine metabolism;
Function	DNA binding; IMP dehydrogenase activity; RNA binding; metal ion binding; nucleotide binding; oxidoreductase activity;