

IMPDH2 Antibody (Center)

Catalog_no :	AB2506
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:180-210
Specificity :	This IMPDH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-210 amino acids from the Central region of human IMPDH2.
Dilution :	WB,1:1000;IHC-P,1:50~100;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	Inosine-5'-monophosphate dehydrogenase 2 {ECO:0000255 HAMAP-Rule:MF_03156}, IMP dehydrogenase 2 {ECO:0000255 HAMAP-Rule:MF_03156}, IMPD 2 {ECO:0000255 HAMAP-Rule:MF_03156}, IMPDH 2 {ECO:0000255 HAMAP-Rule:MF_03156}, 111205 {ECO:0000255 HAMAP-Rule:MF_03156}, IMPDH-II, IMPDH2 {ECO:0000255 HAMAP-Rule:MF_03156}, IMPD2
Isotype :	Rabbit Ig
Background :	IMPDH2 is the rate-limiting enzyme in the de novo guanine nucleotide biosynthesis. It is thus involved in maintaining cellular guanine deoxy- and ribonucleotide pools needed for DNA and RNA synthesis. The protein catalyzes the NAD-dependent oxidation of inosine-5'-monophosphate into xanthine-5'-monophosphate, which is then converted into guanosine-5'-monophosphate. Its gene is up-regulated in some neoplasms, suggesting it may play a role in malignant transformation.
reference :	Sombogaard,F., Pharmacogenet. Genomics 19 (8), 626-634 (2009) Mohamed,M.F., Genet. Test. 12 (4), 513-516 (2008)