

IMPDH2

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:55kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human IMPDH2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

IMPD2; IMPDH-II;

Background:

This gene encodes 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 encoded protein catalyzes the NAD-dependent oxidation of inosine-5'-monophosphate into xanthine-5'-monophosphate, which is then converted into guanosine-5'-monophosphate. This gene is up-regulated in some neoplasms, suggesting it may play a role in malignant transformation.

To place an order, please [Click HERE](#).

Catalog #:A5350

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3615

Isotype:IgG

Swiss Prot:P12268

Purity:Affinity purification

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