

IMPDH2 Rabbit pAb

Catalog No.: A15626

1 Publications

Basic Information

Observed MW

56kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3615

Swiss Prot

P12268

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IMPD2; IMPDH-II; IMPDH2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

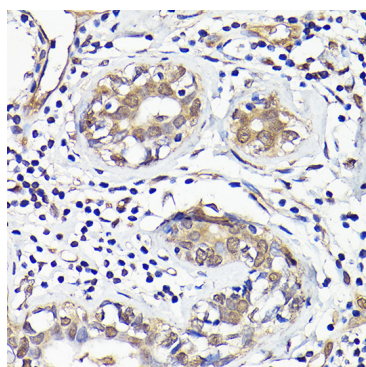
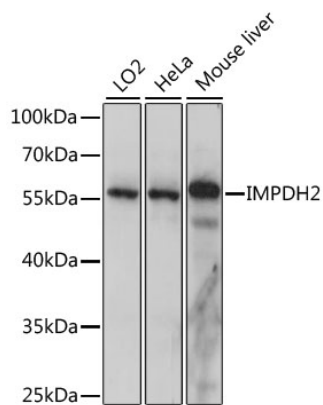
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using IMPDH2 Rabbit pAb (A15626) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.