

## Rabbit IMPDH2 Polyclonal Antibody | anti-IMPDH2 antibody

IMPDH2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA307498 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

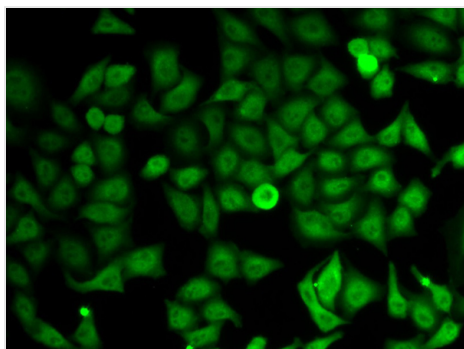
### PRODUCT SYNONYMS

IMPDH2; Polyclonal Antibody; IMPDH2 Antibody; IMPD2; IMPDH-II; anti-IMPDH2 antibody

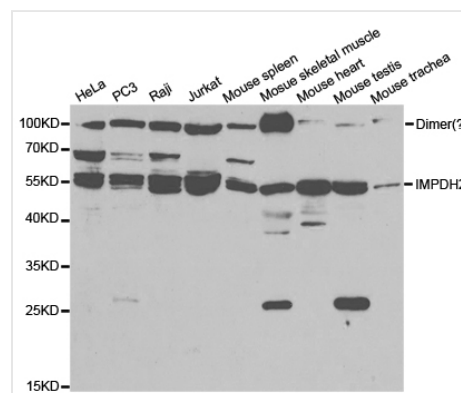
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                              |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                       |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                            |
| Clonality                                        | Polyclonal                                                                                                                                                   |
| Specificity                                      | The antibody detects endogenous level of total IMPDH2 protein.                                                                                               |
| Purity/Purification                              | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                      | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                  | 514                                                                                                                                                          |
| Applicable Applications for anti-IMPDH2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                   | Recombinant Protein                                                                                                                                          |
| Immunogen Description                            | Recombinant protein of human IMPDH2.                                                                                                                         |
| Target Name                                      | IMPDH2                                                                                                                                                       |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                                        |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cell using IMPDH2 antibody.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using IMPDH2 antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IMPDH2 antibody | 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. |
| Product Categories/Family for anti-IMPDH2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 66933016                                       |
| NCBI GeneID                      | 3615                                           |
| NCBI Accession #                 | NP_000875.2                                    |
| NCBI GenBank Nucleotide #        | NM_000884.2                                    |
| UniProt Accession #              | P12268; Q6LEF3                                 |
| Molecular Weight                 | 55,805 Da                                      |
| NCBI Official Full Name          | inosine-5'-monophosphate dehydrogenase 2       |
| NCBI Official Synonym Full Names | IMP (inosine 5'-monophosphate) dehydrogenase 2 |
| NCBI Official Symbol             | IMPDH2                                         |
| NCBI Official Synonym Symbols    | IMPD2; IMPDH-II                                |
| NCBI Protein Information         | inosine-5'-monophosphate dehydrogenase 2       |
| UniProt Protein Name             | Inosine-5'-monophosphate dehydrogenase 2       |
| UniProt Gene Name                | IMPDH2                                         |
| UniProt Synonym Gene Names       | IMP dehydrogenase 2; IMPD 2; IMPDH 2           |
| UniProt Entry Name               | IMDH2_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/impdh2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307498>