

## Rabbit anti-Human IMPDH2 Polyclonal Antibody | anti-IMPDH2 antibody

Rabbit anti-human IMPDH2 polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA118566 | Rabbit | Human      | Immunohistochemistry, ELISA |

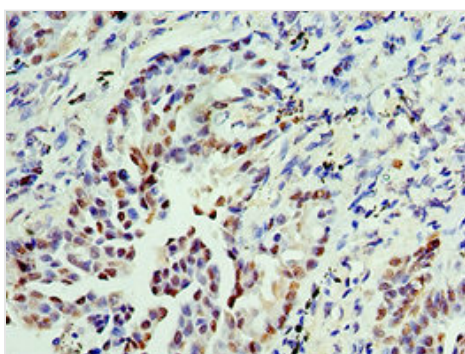
### PRODUCT SYNONYMS

IMPDH2; Polyclonal Antibody; Rabbit anti-human IMPDH2 polyclonal Antibody; IMP dehydrogenase 2; IMPD 2; IMPDH 2; IMPDH-II; IMPD2; anti-IMPDH2 antibody

### PRODUCT SPECIFICATIONS

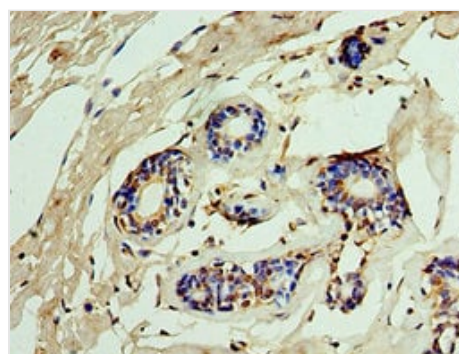
|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | Antigen Affinity Purified                                                                                      |
| Sequence Length                                  | 514                                                                                                            |
| Applicable Applications for anti-IMPDH2 antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Storage Buffer                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                        | Non-conjugated                                                                                                 |
| Immunogen                                        | Recombinant human Inosine-5'-monophosphate dehydrogenase 2 protein (215-514aa)                                 |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA118566 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118566 at dilution 1:100

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IMPDH2 antibody | Catalyzes the conversion of inosine 5'-phosphate (IMP) to xanthosine 5'-phosphate (XMP), the first committed and rate-limiting step in the de novo synthesis of guanine nucleotides, and therefore plays an important role in the regulation of cell growth. Could also have a single-stranded nucleic acid-binding activity and could play a role in RNA and/or DNA metabolism. It may also have a role in the development of malignancy and the growth progression of some tumors. |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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://www.aaabiotech.com/polyclonal/impdh2-antibody-immunohistochemistry-elisa/118566>