

## Rabbit anti-Human, Mouse MPI Polyclonal Antibody | anti-MPI antibody

MPI Antibody

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231222</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

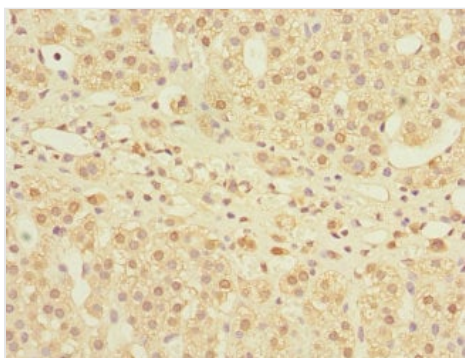
### PRODUCT SYNONYMS

MPI; Polyclonal Antibody; MPI Antibody; Mannose-6-phosphate isomerase; Phosphohexomutase; Phosphomannose isomerase; PMI; PMI1; anti-MPI antibody

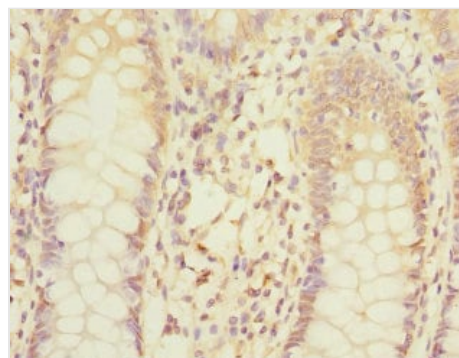
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human, Mouse                                                                                                   |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | Antigen Affinity Purified                                                                                      |
| Form/Format                                   | Liquid                                                                                                         |
| Sequence Length                               | 373                                                                                                            |
| Applicable Applications for anti-MPI antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                       | Human                                                                                                          |
| Immunogen                                     | Recombinant human Mannose-6-phosphate isomerase protein (1-423AA)                                              |
| Conjugate                                     | Non-conjugated                                                                                                 |
| Buffer                                        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

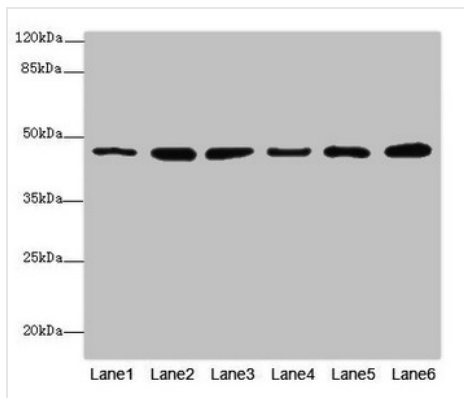
### IMAGES


**IHC (Immunohistochemisry)**

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA231222 at dilution 1:100


**IHC (Immunohiostchemistry)**

Immunohistochemistry of paraffin-embedded human colon cancer using AAA231222 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: MPIantibody at 5.12ug/mlLane 1 : Mouse heart tissueLane 2 : Mouse kidney tissueLane 3 : Mouse brain tissueLane 4 : HepG-2 whole cell lysateLane 5 : 293T whole cell lysateLane 6 : A549 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 47,40 kDaObserved band size: 47 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-MPI antibody

Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions.

## NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 574584838                               |
| NCBI GeneID                      | 4351                                    |
| NCBI Accession #                 | NP_001276085.1                          |
| NCBI GenBank Nucleotide #        | NM_001289156.1                          |
| UniProt Accession #              | P34949; Q96AB0; A8K8K9                  |
| Molecular Weight                 | 39,834 Da                               |
| NCBI Official Full Name          | mannose-6-phosphate isomerase isoform 3 |
| NCBI Official Synonym Full Names | mannose phosphate isomerase             |
| NCBI Official Symbol             | MPI                                     |
| NCBI Official Synonym Symbols    | PMI; PMI1; CDG1B                        |
| NCBI Protein Information         | mannose-6-phosphate isomerase           |
| UniProt Protein Name             | Mannose-6-phosphate isomerase           |
| UniProt Gene Name                | <b>MPI</b>                              |
| UniProt Synonym Gene Names       | PMI1; PMI                               |
| UniProt Entry Name               | MPI_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/mipi-antibody-immunohistochemistry-western-blot-elisa/231222>