

# Rabbit anti-Human, Pig Mannose Phosphate Isomerase Polyclonal Antibody | anti-MPI antibody

Polyclonal Antibody to Mannose Phosphate Isomerase (MPI)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA143145 | Rabbit | Human, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

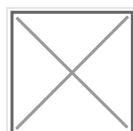
## PRODUCT SYNONYMS

Mannose Phosphate Isomerase; Polyclonal Antibody; Polyclonal Antibody to Mannose Phosphate Isomerase (MPI); anti-MPI antibody

## PRODUCT SPECIFICATIONS

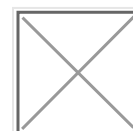
|                                               |                                                                                                                                                                                               |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                        |
| Reactivity                                    | Human, Pig                                                                                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                                                                    |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against MPI. It has been selected for its ability to recognize MPI in immunohistochemical staining and western blotting.                  |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                   | Liquid                                                                                                                                                                                        |
| Concentration                                 | 0.62mg/ml (varies by lot)                                                                                                                                                                     |
| Applicable Applications for anti-MPI antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                               |
| Fragment                                      | MPI (Ala2~Leu423)                                                                                                                                                                             |
| Organism Species                              | Homo sapiens (Human)                                                                                                                                                                          |
| Cross Reactivity                              | Human, Pig                                                                                                                                                                                    |
| Conjugate                                     | No Conjugate                                                                                                                                                                                  |
| Immunogen                                     | Recombinant MPI (Ala2~Leu423) expressed in E Coli.                                                                                                                                            |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                         |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## IMAGES



### Knockout Validation

Knockout Validation: Lane 1: Wild-type 293T cell lysate; Lane 2: MPI knockout 293T cell lysate; Predicted MW: 47,40kd Observed MW: 40kd Primary Ab: 2ug/ml Rabbit Anti-Human MPI Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



### IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded brain tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Porcine Cerebrum lysate; Primary Ab: 2ug/ml Rabbit Anti-Human MPI Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**ADDITIONAL INFORMATION**

|                                                 |                               |
|-------------------------------------------------|-------------------------------|
| Product Categories/Family for anti-MPI antibody | Knock-Out Validation Antibody |
|-------------------------------------------------|-------------------------------|

**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                               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mannose-phosphate-isomerase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143145>