

## Rabbit PTPRM Polyclonal Antibody | anti-PTPRM antibody

PTPRM Polyclonal Antibody

|                               |                       |                                        |                                             |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA169430</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|

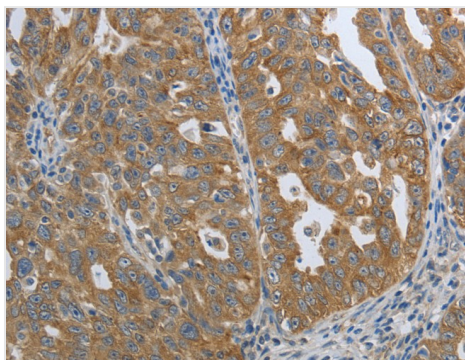
### PRODUCT SYNONYMS

PTPRM; Polyclonal Antibody; PTPRM Polyclonal Antibody; RPTPM; RPTPU; PTPRL1; hR-PTPu; R-PTP-MU; anti-PTPRM antibody

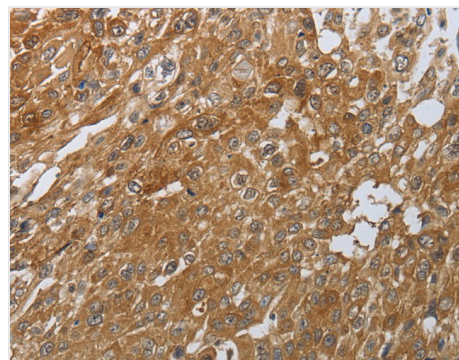
### PRODUCT SPECIFICATIONS

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Host                                            | Rabbit                                           |
| Reactivity                                      | Human, Mouse, Rat                                |
| Clonality                                       | Polyclonal                                       |
| Isotype                                         | IgG                                              |
| Purity/Purification                             | Antigen affinity purification                    |
| Form/Format                                     | PBS with 0.05% sodium azide, 50% glycerol, pH7.4 |
| Sequence Length                                 | 1465                                             |
| Applicable Applications for anti-PTPRM antibody | IHC (Immunohistochemistry)                       |
| Immunogen                                       | Synthetic peptide of human PTPRM                 |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.      |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PTPRM Polyclonal Antibody at dilution 1:80


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PTPRM Polyclonal Antibody at dilution 1:80

ADDITIONAL INFORMATION

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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PTPRM antibody | The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP mu (MAM) domain, an Ig-like domain and four fibronectin type III-like repeats. This PTP has been shown to mediate cell-cell aggregation through the interaction with another molecule of this PTP on an adjacent cell. This PTP can interact with scaffolding protein RACK1/GNB2L1, which may be necessary for the downstream signaling in response to cell-cell adhesion. Alternative splicing results in multiple transcripts encoding distinct isoforms. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 156230467                                                                                                                                                                    |
| NCBI GeneID                      | 5797                                                                                                                                                                         |
| NCBI Official Full Name          | PTPRM protein                                                                                                                                                                |
| NCBI Official Synonym Full Names | protein tyrosine phosphatase, receptor type, M                                                                                                                               |
| NCBI Official Symbol             | PTPRM                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | RPTPM; RPTPU; PTPRL1; hR-PTPu; R-PTP-MU                                                                                                                                      |
| NCBI Protein Information         | receptor-type tyrosine-protein phosphatase mu; protein tyrosine phosphatase mu; protein tyrosine phosphatase, receptor type, mu polypeptide; protein-tyrosine phosphatase mu |
| UniProt Protein Name             | Receptor-type tyrosine-protein phosphatase mu                                                                                                                                |
| UniProt Gene Name                | <b>PTPRM</b>                                                                                                                                                                 |
| UniProt Synonym Gene Names       | PTPRL1; Protein-tyrosine phosphatase mu; R-PTP-mu                                                                                                                            |
| UniProt Entry Name               | PTPRM_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/ptprm-antibody-immunohistochemistry-elisa/169430>