

# Rabbit anti-Human Receptor-type tyrosine-protein phosphatase alpha Polyclonal Antibody | anti-PTPRA antibody

Rabbit anti-human Receptor-type tyrosine-protein phosphatase alpha polyclonal Antibody(PTPRA)

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA118271</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

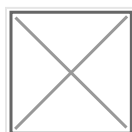
## PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase alpha; Polyclonal Antibody; Rabbit anti-human Receptor-type tyrosine-protein phosphatase alpha polyclonal Antibody(PTPRA); Protein-tyrosine phosphatase alpha; R-PTP-alpha; PTPRA; PTPA; PTPRL2; anti-PTPRA antibody

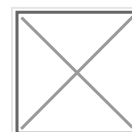
## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Sequence Length                                 | 802                                                                                                            |
| Applicable Applications for anti-PTPRA antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Immunogen                                       | Recombinant human Receptor-type tyrosine-protein phosphatase alpha protein (20-142aa)                          |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19116 / sc-27602 / sc-28907            |
| 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 skin using AAA118271 at dilution 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human breast cancer using AAA118271 at dilution 1:100

## ADDITIONAL INFORMATION

### Related Product Information for anti-PTPRA 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 contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced variants of this gene, which encode two distinct isoforms, have been reported.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 4506303                                                              |
| NCBI GeneID                      | 5786                                                                 |
| NCBI Accession #                 | NP_002827.1                                                          |
| NCBI GenBank Nucleotide #        | NM_002836.3                                                          |
| UniProt Accession #              | P18433; Q14513; Q7Z2I2; Q96TD9; A8K2G8; D3DVX5                       |
| Molecular Weight                 | 89,703 Da                                                            |
| NCBI Official Full Name          | receptor-type tyrosine-protein phosphatase alpha isoform 1           |
| NCBI Official Synonym Full Names | protein tyrosine phosphatase, receptor type A                        |
| NCBI Official Symbol             | PTPRA                                                                |
| NCBI Official Synonym Symbols    | LRP; HLPR; PTPA; HEPTP; HPTPA; RPTPA; PTPRL2; HPTPalpha; R-PTP-alpha |
| NCBI Protein Information         | receptor-type tyrosine-protein phosphatase alpha                     |
| UniProt Protein Name             | Receptor-type tyrosine-protein phosphatase alpha                     |
| UniProt Gene Name                | <b>PTPRA</b>                                                         |
| UniProt Synonym Gene Names       | PTPA; PTPRL2; Protein-tyrosine phosphatase alpha; R-PTP-alpha        |
| UniProt Entry Name               | PTPRA_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.

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/receptor-type-tyrosine-protein-phosphatase-alpha-antibody-immunohistochemistry-elisa/118271>