

## Rabbit PTPN6 Polyclonal Antibody | anti-PTPN6 antibody

Phospho-PTPN6 (Tyr536) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                    |
|-----------|--------|-------------------|-------------------------------------------------|
| AAA243148 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, ELISA |

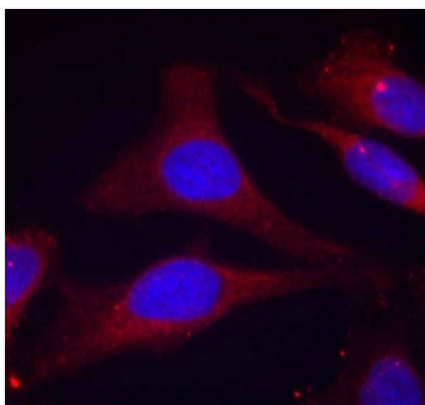
### PRODUCT SYNONYMS

PTPN6; Polyclonal Antibody; Phospho-PTPN6 (Tyr536) Antibody; 70Z-SHP; HCP; HCPH; Hematopoietic cell protein-Tyrosine phosphatase; PTN6; anti-PTPN6 antibody

### PRODUCT SPECIFICATIONS

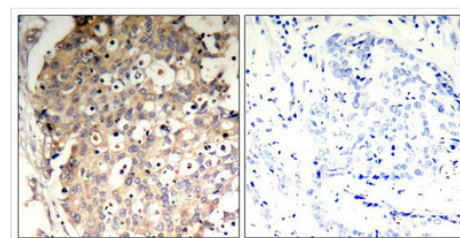
|                                                 |                                                                                                                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                       |
| Isotype                                         | IgG                                                                                                                                                                                                                                                              |
| Purity/Purification                             | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |
| Form/Format                                     | Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                                                                             |
| Applicable Applications for anti-PTPN6 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                       |
| Immunogen                                       | Peptide sequence around phosphorylation site of tyrosine 536 (S-E-Y(p)-G-N) derived from Human SHP-1.                                                                                                                                                            |
| Immunogen Species                               | Human                                                                                                                                                                                                                                                            |
| Conjugate                                       | Non-conjugated                                                                                                                                                                                                                                                   |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                                                                                                      |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using SHP-1(Phospho-Tyr536) Antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1(Phospho-Tyr536) Antibody(left) or the same antibody preincubated with blocking peptide(right).

ADDITIONAL INFORMATION

|                                                   |              |
|---------------------------------------------------|--------------|
| Product Categories/Family for anti-PTPN6 antibody | Cell Biology |
|---------------------------------------------------|--------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 18104989                                                                                                                                                                                               |
| NCBI GeneID                      | 5777                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_002822.2                                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_002831.5                                                                                                                                                                                            |
| UniProt Accession #              | P29350; Q969V8; Q9UK67; A8K306; G3V0F8                                                                                                                                                                 |
| Molecular Weight                 | 67,561 Da                                                                                                                                                                                              |
| NCBI Official Full Name          | tyrosine-protein phosphatase non-receptor type 6 isoform 1                                                                                                                                             |
| NCBI Official Synonym Full Names | protein tyrosine phosphatase, non-receptor type 6                                                                                                                                                      |
| NCBI Official Symbol             | PTPN6                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1                                                                                                                                                |
| NCBI Protein Information         | tyrosine-protein phosphatase non-receptor type 6; hematopoietic cell phosphatase; protein-tyrosine phosphatase 1C; protein-tyrosine phosphatase SHP-1; hematopoietic cell protein-tyrosine phosphatase |
| UniProt Protein Name             | Tyrosine-protein phosphatase non-receptor type 6                                                                                                                                                       |
| UniProt Gene Name                | <b>PTPN6</b>                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | HCP; PTP1C; PTP-1C                                                                                                                                                                                     |
| UniProt Entry Name               | PTN6_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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