

## Rabbit anti-Human, Mouse PTPN12 Polyclonal Antibody | anti-PTPN12 antibody

PTPN12 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA241611 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

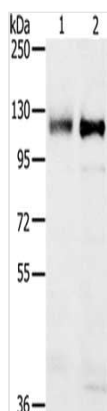
### PRODUCT SYNONYMS

PTPN12; Polyclonal Antibody; PTPN12 Antibody; protein Tyrosine phosphatase; non-receptor type 12; anti-PTPN12 antibody

### PRODUCT SPECIFICATIONS

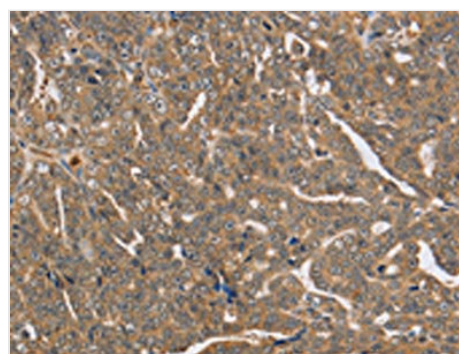
|                                                  |                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                  |
| Reactivity                                       | Human, Mouse                                                                            |
| Clonality                                        | Polyclonal                                                                              |
| Isotype                                          | IgG                                                                                     |
| Purity/Purification                              | Antigen Affinity Purification                                                           |
| Form/Format                                      | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-PTPN12 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                        | Synthetic peptide of human PTPN12                                                       |
| Immunogen Species                                | Human                                                                                   |
| Conjugate                                        | Non-conjugated                                                                          |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



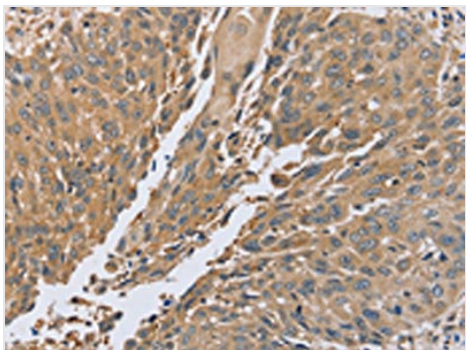
#### SDS-PAGE

Gel: 6%SDS-PAGE, Lysate: 40 ug, Lane 1-2: 231 cells, K562 cells, Primary antibody: AAA241611(PTPN12 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using AAA241611(PTPN12 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using AAA241611(PTPN12 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Product Categories/Family for anti-PTPN12 antibody | Signal Transduction |
|----------------------------------------------------|---------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| NCBI GI #                        | 196114951                                                                          |
| NCBI GeneID                      | 5782                                                                               |
| NCBI Accession #                 | NP_002826.3                                                                        |
| NCBI GenBank Nucleotide #        | NM_002835.3                                                                        |
| UniProt Accession #              | Q05209; Q16130; Q59FD6; Q75MN8; Q86XU4; A4D1C5; B4DKY2; E9PBR5; E9PEH9             |
| Molecular Weight                 | 74,138 Da                                                                          |
| NCBI Official Full Name          | tyrosine-protein phosphatase non-receptor type 12 isoform 1                        |
| NCBI Official Synonym Full Names | protein tyrosine phosphatase, non-receptor type 12                                 |
| NCBI Official Symbol             | PTPN12                                                                             |
| NCBI Official Synonym Symbols    | PTPG1; PTP-PEST                                                                    |
| NCBI Protein Information         | tyrosine-protein phosphatase non-receptor type 12; protein-tyrosine phosphatase G1 |
| UniProt Protein Name             | Tyrosine-protein phosphatase non-receptor type 12                                  |
| UniProt Gene Name                | <b>PTPN12</b>                                                                      |
| UniProt Synonym Gene Names       | PTPG1                                                                              |
| UniProt Entry Name               | PTN12_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/ptpn12-antibody-immunohistochemistry-western-blot-elisa/241611>