

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

Rabbit anti-PTPN12 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA211404 | Rabbit | Human      | Immunoprecipitation, Western Blot |

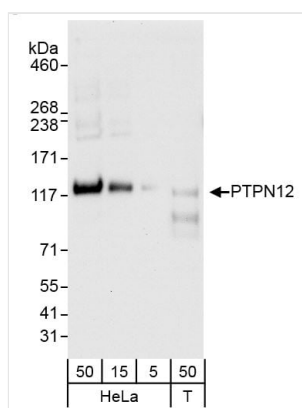
### PRODUCT SYNONYMS

PTPN12; Polyclonal Antibody; Rabbit anti-PTPN12 Antibody; Affinity Purified; PTP-PEST; PTPG1; protein-tyrosine phosphatase G1; tyrosine-protein phosphatase non-receptor type 12; Tyrosine-protein phosphatase non-receptor type 12; protein tyrosine phosphatase; non-receptor type 12; anti-PTPN12 antibody

### PRODUCT SPECIFICATIONS

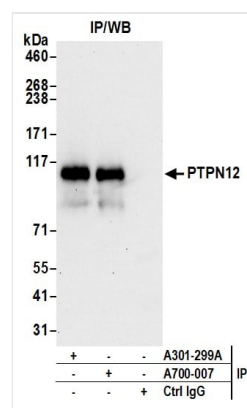
|                                                  |                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                             |
| Reactivity                                       | Human                                                                              |
| Clonality                                        | Polyclonal                                                                         |
| Purity/Purification                              | Antigen Affinity Purified                                                          |
| Form/Format                                      | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                    | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-PTPN12 antibody | IP (Immunoprecipitation), WB (Western Blot)                                        |
| Immunogen                                        | Between 400 and 450                                                                |
| Conjugation                                      | Unconjugated                                                                       |
| Preparation and Storage                          | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



#### WB (Western Blot)

Detection of human PTPN12 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211404 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



#### IP (Immunoprecipitation)

Detection of human PTPN12 by western blot of immunoprecipitation. Samples: Whole cell lysate (0.5 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211404 used for IP at 3 ug/mg lysate. PTPN12 was also immunoprecipitated by rabbit anti-PTPN12 recombinant monoclonal antibody [BL-5-2F8]. For blotting immunoprecipitated PTPN12, was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PTPN12 antibody | PTPN12 is a cytosolic protein tyrosine phosphatase (PTP) that contains a C-terminal PEST motif and plays an important role in cytoskeletal organization, immune cell activation, apoptosis, and embryonic development. PTPN12 appears to contribute to these cellular processes through its interaction with a variety of signaling and cytoskeletal-associated proteins. The recent discovery that PTPN12 is modulated by caspase-3 cleavage has led to the analysis of the role of PTPN12 and other PTPs as regulators of apoptosis. |
| Product Categories/Family for anti-PTPN12 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| NCBI GeneID                | 5782                                              |
| UniProt Accession #        | Q05209                                            |
| UniProt Protein Name       | Tyrosine-protein phosphatase non-receptor type 12 |
| UniProt Gene Name          | PTPN12                                            |
| 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-immunoprecipitation-western-blot-elisa/211404>