# Rabbit anti-Human, Pig Protein Tyrosine Phosphatase Polyclonal Antibody | anti-PTPN13 antibody

Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA145847** | **Rabbit** | **Human, Pig** | **ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot** |

## PRODUCT SYNONYMS

Protein Tyrosine Phosphatase; Polyclonal Antibody; Polyclonal Antibody to Protein Tyrosine Phosphatase; Non Receptor Type 13 (PTPN13); FAP1; PNP1; PTP-BAS; PTP-BL; PTPL1; PTPLE; APO-1/CD95(Fas)-Associated Phosphatase; Fas-associated protein-tyrosine phosphatase 1; Protein-tyrosine phosphatase 1E; anti-PTPN13 antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Pig |
| **Clonality** | Polyclonal |
| **Specificity** | The antibody is a rabbit polyclonal antibody raised against PTPN13. It has been selected for its ability to recognize PTPN13 in immunohistochemical staining and western blotting. |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol. |
| **Concentration** | 500ug/mL (varies by lot) |
| **Sequence Length** | 229 |
| **Applicable Applications for anti-PTPN13 antibody** | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot) |
| **Fragment** | PTPN13 (Met1~Asn161) |
| **Conjugate** | No Conjugate |
| **Cross Reactivity** | Human |
| **Immunoglobulin Type** | IgG |
| **Quality Control** | Content: The quality control contains recombinant PTPN13 (Met1~Asn161) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemilumescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%. |
| **Conjugated Antibody** | The APC conjugated antibody version of this item is also available as |
| **Preparation and Storage** | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## IMAGES

**IHC (Immunohiostchemistry)**
DAB staining on fromalin fixed paraffin- embedded kidney tissue

**WB (Western Blot)**
Western Blot: Sample: Recombinant PTPN13, Human.

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 5453992 |
| **NCBI GeneID** | 5783 |
| **NCBI Accession #** | NP_006255.1 |
| **NCBI GenBank Nucleotide #** | NM_006264.2 |
| **UniProt Accession #** | Q12923; Q15159; Q15263; Q15264; Q15265; Q15674; Q16826; Q8IWH7; Q9NYN9; Q9UDA8; B2RTR0 |
| **Molecular Weight** | 277,508 Da |
| **NCBI Official Full Name** | tyrosine-protein phosphatase non-receptor type 13 isoform 2 |
| **NCBI Official Synonym Full Names** | protein tyrosine phosphatase, non-receptor type 13 |
| **NCBI Official Symbol** | PTPN13 |
| **NCBI Official Synonym Symbols** | PNP1; FAP-1; PTP1E; PTPL1; PTPLE; PTP-BL; hPTP1E; PTP-BAS |
| **NCBI Protein Information** | tyrosine-protein phosphatase non-receptor type 13 |
| **UniProt Protein Name** | Tyrosine-protein phosphatase non-receptor type 13 |
| **UniProt Gene Name** | **PTPN13** |
| **UniProt Synonym Gene Names** | PNP1; PTP1E; PTPL1; FAP-1; PTP-E1; hPTPE1 |

**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
Online datasheet: https://stage.aaabiotech.com/polyclonal/protein-tyrosine-phosphatase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145847