

## Anti-PTPN4 antibody (1-240) (STJ26538)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

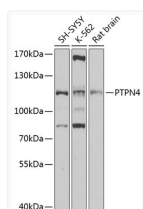
|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                             |
| Concentration       | Lot specific                                                                                                                                           |
| Conjugation         | Unconjugated                                                                                                                                           |
| Purification        | Affinity purification                                                                                                                                  |
| Dilution Range      | WB:1:200-1:2000<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                     |
| Isotype             | IgG                                                                                                                                                    |
| Molecular Weight    | Protein Mw: 106kDa<br>Observed Mw: 115kDa                                                                                                              |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                         |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                                                     |
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| Gene ID            | <a href="#">5775</a>                                                                                                                                                                                                                                                |
| Gene Symbol        | <a href="#">PTPN4</a>                                                                                                                                                                                                                                               |
| UniProt ID         | <a href="#">PTN4_HUMAN</a>                                                                                                                                                                                                                                          |
| Immunogen Region   | 1-240                                                                                                                                                                                                                                                               |
| Immunogen Sequence | MTSRFRLPAGRTYNVRASEL ARDRQHTTEVVCNILLDNTV QAFKVNKHDQGQVLLDVVFK<br>HLDLTEQDYFGLQLADDSTD NPRWLDPNKPPIRKQLKRGSP YSLNFRVKFFVSDPNKLQEE<br>YTRYQYFLQIKQDILTGRLP CPSNTAALLASFAVQSELGD YDQSENLSGYLSDYSFIPNQ<br>PQDFEKEIAKLHQHIGLSP AEAFFNYLNTARTLELYGVE FHYARDQSNNEIMIGVMSG |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PTPN4 (NP_002821.1).                                                                                                                                                   |

### ADDITIONAL INFORMATION

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|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



Western blot analysis of extracts of various cell lines, using PTPN4 antibody (STJ26538) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.