

## Anti-PTP4A3 antibody (1-148) (STJ25221)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

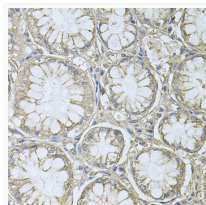
|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                               |
| Concentration       | Lot specific                                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                                             |
| Purification        | Affinity purification                                                                                                                                                    |
| Dilution Range      | WB:1:500-1:1000<br>IHC-P:1:50-1:100<br>ELISA:Recommended starting concentration is 1 µg/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: 20kDa<br>Observed Mw: 26kDa                                                                                                                                  |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                           |

### TARGET INFORMATION

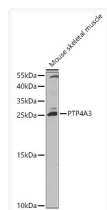
|                    |                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">11156</a>                                                                                                                                             |
| Gene Symbol        | <a href="#">PTP4A3</a>                                                                                                                                            |
| UniProt ID         | <a href="#">TP4A3_HUMAN</a>                                                                                                                                       |
| Immunogen Region   | 1-148                                                                                                                                                             |
| Immunogen Sequence | MARMNRPAPVEVSYKHMRFLLITHNPTNATLSTFIEDLKKY GATTVVRVCEVTYDKTPLEK<br>DGITVVDWPFDDGAPPPGKV VEDWLSLVKAKFCEAPGSCV AVHCVAGLGRKRRGAINSKQ<br>LTYLEKYRPKQRLRFKDPHT HKTRCCVM |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-148 of human PTP4A3 (NP_009010.2).                                                |

### ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded human gastric cancer using PTP4A3 antibody (STJ25221) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Mouse skeletal muscle, using PTP4A3 antibody (STJ25221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.