

## Anti-PTPN6/SHP1 antibody (Internal) (STJ71143)

### GENERAL INFORMATION

|               |                     |
|---------------|---------------------|
| Product Type  | Primary antibodies  |
| Applications  | Pep-ELISA/WB/IHC    |
| Host / Source | Goat                |
| Reactivity    | Human/Mouse/Rat/Dog |

### PRODUCT PROPERTIES

|                     |                                                                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                                 |
| Concentration       | 0.5 mg/mL                                                                                                                                                                                                                                                  |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                               |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                      |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:128000.<br>WB: Approx 70kDa band observed in Human Liver and Mouse Thymus lysates and approx 70-75kDa in Rat Thymus lysates (calculated MW of 67.6kDa according to Human NP_536858.1 and Mouse NP_0385) |
| Formulation         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                                                                                                                     |
| Isotype             | IgG                                                                                                                                                                                                                                                        |
| Storage Instruction | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                                                                                                                 |

### TARGET INFORMATION

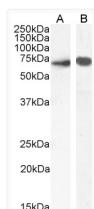
|                    |                                                                                                                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">5777</a>                                                                                                                                                                                                 |
| Gene Symbol        | <a href="#">PTPN6</a>                                                                                                                                                                                                |
| UniProt ID         | <a href="#">PTN6_HUMAN</a>                                                                                                                                                                                           |
| Immunogen Region   | Internal                                                                                                                                                                                                             |
| Immunogen Sequence | KASRTSSKHKEE                                                                                                                                                                                                         |
| Specificity        | This antibody is expected to recognise both reported isoforms (NP_536858.1 and NP_002822.2). Please note this antibody was designed using the mouse sequence, which differs by 1 amino acid from the human sequence. |

### ADDITIONAL INFORMATION

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



STJ71143 (0.1 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71143 (0.01 µg/ml) staining of Mouse Thymus (A) and (0.1 µg/ml) Rat Thymus (B) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.