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Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

# GOAT ANTI-PTPN6 / SHP1 (INTERNAL REGION) ANTIBODY

**SKU:** EB07725

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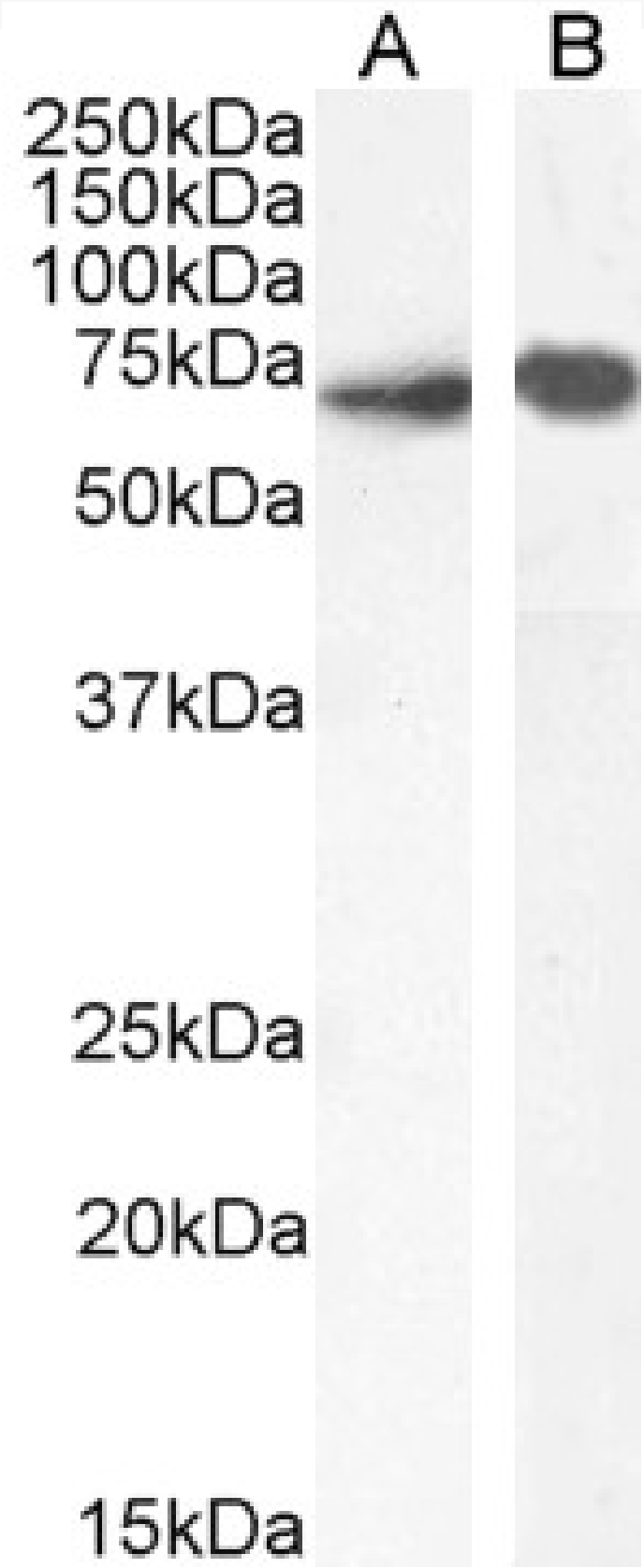

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# SPECIFICATIONS

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|---|---|
| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | protein-tyrosine phosphatase 1C\|hematopoietic cell protein-tyrosine phosphatase\|hematopoietic cell phosphatase\|70 kda SHP-1L protein\|SHP-1L\|SHP-1\|SH-PTP1\|PTP-1C\|HPTP1C\|HCPH\|HCP\|protein tyrosine phosphatase, non-receptor type 6\|SHP1\|PTPN6 |
| **Accession ID** | NP_536858.1; NP_002822.2 |
| **Blocking Peptide** | EBP07725 |
| **Immunogen** | Peptide with sequence C-KASRTSSKHKEE, from the internal region of the protein sequence according to NP_536858.1; NP_002822.2. |
| **Product Comments** | This antibody is expected to recognise both reported isoforms (NP_536858.1and NP_002822.2). Please note this antibody was designed using the mouse sequence, which differs by 1 amino acid from the human sequence. |
| **Peptide Sequence** | C-KASRTSSKHKEE |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human, Mouse, Rat, Dog |
| **Reactive Species** | Human, Mouse, Rat |
| **Human Gene ID** | 5777 |
| **Mouse Gene ID** | 15170 |
| **Rat Gene ID** | 116689 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **IHC Results** | Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml. |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:128000. |
| **Western Blot** | 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_038573.2, and 69.6kDa according to Rat NP_446360.1). Recommended concentration: 0.01-0.1µg/ml. Primary incubation 1 hour at room temperature. |

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|---|---|
| **Application Type** | Pep-ELISA, WB, IHC |

## DOCUMENTS

- Data Sheet

## GALLERY IMAGES

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