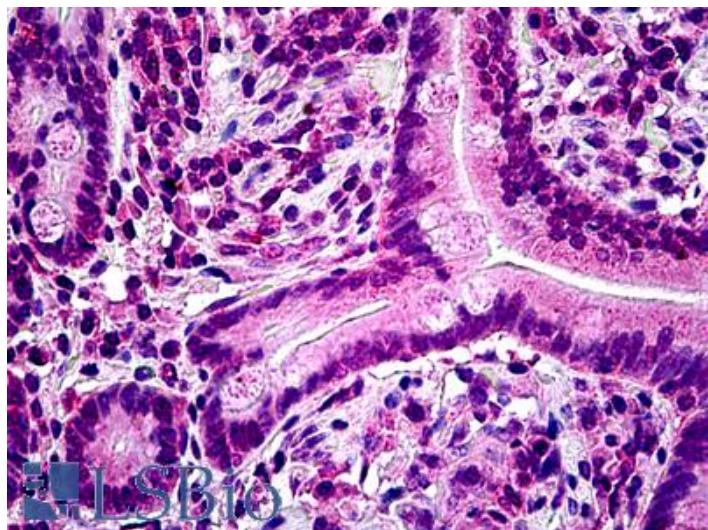


## GOAT ANTI-LYP / PTPN22 ANTIBODY

SKU: EB06560



## SPECIFICATIONS

**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** lymphoid-specific protein tyrosine phosphatase|protein tyrosine phosphatase homolog|protein tyrosine phosphatase, non-receptor type 22 (lymphoid)|Lyp2|Lyp1|LYP|PTPN22

**Usage Summary** **Immunofluorescence:** Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of Jurkat cells. Recommended concentration: 10µg/ml.

**Accession ID** NP\_057051; NP\_036543.4; NP\_001180360.1; NP\_001295226.1

**Blocking Peptide** EBP06560

**Immunogen** Peptide with sequence CPPNKPAESVQSNNS, from the internal region of the protein sequence according to NP\_057051; NP\_036543.4; NP\_001180360.1; NP\_001295226.1.

**Product Comments** This antibody is specific for human LYP1 and will not cross-react with LYP2.

**Peptide Sequence** CPPNKPAESVQSNNS

**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Method** Refrigerated

**Shipping Instructions**

**Predicted Species** Human, Chimpanzee

**Reactive Species** Human

**Human Gene ID** 26191

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_plus\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png)

**IHC Results** Paraffin embedded Human Small Intestine, Thyroid and Adrenal Gland. Recommended concentration: 3.75 $\mu$ g/ml.

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:32000.

**Western Blot** Preliminary experiments showed a 100kDa band in some Daudi cell lysates at 0.5-1 $\mu$ g/ml. This molecular weight is routinely observed by other sources. An additional band at 75kDa was also observed and both bands were successfully blocked by incubation with the immunizing peptide.

**Application Type** Pep-ELISA, FC, IF, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

