



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06089 - Goat Anti-LYP / PTPN22 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTPN22, protein tyrosine phosphatase, non-receptor type 22 (lymphoid), LYP, Lyp, Lyp1, Lyp2, protein tyrosine phosphatase homolog, lymphoid-specific protein tyrosine phosphatase

**Official Symbol:** PTPN22

**Accession Number(s):** NP\_036543; NP\_057051

**Human GeneID(s):** [26191](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (represented by NP\_036543; NP\_057051)

### Immunogen

Peptide with sequence DQREILQKFLDEA-C, from the N Terminus of the protein sequence according to NP\_036543; NP\_057051.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Western Blot: Preliminary experiments gave a 40-45kDa band in Jurkat and U937 lysates at 1ug of primary. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 79- and 93-Kda according to NP\_036543 and NP\_057051. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human