



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06173 - Goat Anti-PTPD1 / PTPN21 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTPN21, PTPD1, PTPRL10, protein tyrosine phosphatase, non-receptor type 21, protein tyrosine phosphatase D1

**Official Symbol:** PTPN21

**Accession Number(s):** NP\_008970

**Human GeneID(s):** [11099](#)

**Non-Human GeneID(s):** 24000 (mouse), 171070 (rat)

### Immunogen

Peptide with sequence C-RVLIQFLKSSRLI, from the C Terminus of the protein sequence according to NP\_008970.

### 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 1:4000.

**Western blot:** Western Blot: Preliminary experiments gave no signal but low background in Human Skeletal Lung and Muscle lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat