UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB05114 - Goat Anti-SHP2 / PTPN11 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PTPN11, SHP2, protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1), CFC, NS1, BPTP3, PTP2C, SHP-2, PTP-1D, SH-PTP2, SH-PTP3, Noonan syndrome 1, protein-tyrosine phosphatase 2C, protein tyrosine phosphatase, non-receptor type 11, MGC14433, protein tyrosine phosphatase-2
Official Symbol: PTPN11
Accession Number(s): NP_002825.3
Human GeneID(s): 5781
Non-Human GeneID(s): 19247 (mouse), 25622 (rat)

Immunogen

Peptide with sequence C-YENVGLMQQQKSFR, from the C Terminus of the protein sequence according to NP_002825.3.

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 1:128000.
Western blot: Approx 70kDa band observed in Human Muscle lysates (calculated MW of 68.0kDa according to NP_002825.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow

EB05114 staining (2µg/ml) of Human Muscle lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB05114 (3.8µg/ml) staining of paraffin embedded Human Cerebellum Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**