

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

Research Use Only. Not for diagnostic or therapeutic use.

EB12158 - Goat Anti-CBFB Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CBFB, core-binding factor, beta subunit, PEBP2B, CBF-beta, PEA2-beta, PEBP2-beta, SL3-3 enhancer factor 1 beta subunit, SL3-3 enhancer factor 1 subunit beta, SL3/AKV core-binding factor beta subunit, core-binding factor subunit beta, polyomavirus enhancer binding protein 2, beta subunit, polyomavirus enhancer-binding protein 2 beta subunit

Official Symbol: CBFB

Accession Number(s): NP_074036.1; NP_001746.1

Human GeneID(s): 865

Non-Human GenelD(s): 12400 (mouse)

Important Comments: This antibody is expected to recognize reported isoform 1 (NP_074036.1) only, however it is expected to recognize reported mouse isoforms 1

(NP_071704.3), 2 (NP_001154928.1) and 3 (NP_001154929.1).

Immunogen

Peptide with sequence C-EARRQQDPSPGSN, from the internal region (near C Terminus) of the protein sequence according to NP_074036.1; NP_001746.1.

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 1:2000.

Western blot: Approx 22kDa band observed in lysates of cell line Daudi (calculated MW of 22.0kDa according to NP_074036.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12158 (0.3 μ g/ml) staining of Daudi lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.