

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.

EB10160 - Goat Anti-NUP107 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: nucleoporin 107kDa, NUP84, NUP107

Official Symbol: NUP107

Accession Number(s): NP_065134.1

Human GenelD(s): 57122

Non-Human GeneID(s): 103468 (mouse), 116555 (rat)

Immunogen

Peptide with sequence C-PLPAEDDNAIREH, from the internal region of the protein

sequence according to NP_065134.1.

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 1:8000.

Western blot: Approx 100kDa band observed in Human Peripheral Blood

Mononucleocytes lysates (calculated MW of 106kDa according to Human NP_065134.1) and 120kDa in nuclear lysates of NIH3T3 (calculated MW of 107kDa according to Mouse

NP_598771.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

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

EB10160 ($1\mu g/ml$) staining of Peripheral Blood Lymphocytes lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

EB10160 (2μg/ml) staining of nuclear lysate of NIH3T3 (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.