

International Office

Everest Biotech Ltd

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

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11324 - Goat Anti-Progranulin aa248-259 / Granulin-3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: acrogranin, GEP, GP88, granulin, granulin-epithelin, granulins, PC cell-derived growth factor, PCDGF, PEPI, PGRN, proepithelin, progranulin, GRN

Official Symbol: GRN

Accession Number(s): NP_002078.1

Human GenelD(s): 2896

Important Comments: This antibody is expected to recognize the C-Terminal part of

Granulin-3.

Immunogen

Peptide with sequence PQDTVCDLIQSK, from the internal of the protein sequence according to NP_002078.1.

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 75kDa band observed in lysates of cell lines A431, A549 and HeLa (calculated MW of 63.5kDa according to NP_002078.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (He and Bateman, Cancer Res. 1999 Jul 1;59(13):3222-9. PMID: 10397269). Recommended concentration: 1-3μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11324 (1 μ g/ml) staining of A431 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.