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**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 GeneID(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

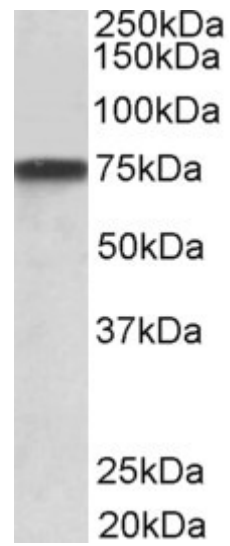
Peptide ELISA: antibody detection limit dilution 1:8000.

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