

Goat anti-Programulin aa248-259 / Granulin-3 Antibody

Item Number	dAP-2593
Target Molecule	Principle Name: Programulin aa248-259 / Granulin-3; Official Symbol: GRN; All Names and Symbols: GRN; granulin; GEP; GP88; PCDGF; PEPI; PGRN; PC cell-derived growth factor; acrogranin; granulin-epithelin; granulins; proepithelin; programulin; Accession Number (s): NP_002078.1; Human Gene ID(s): 2896; Non-Human GenID(s):
Immunogen	PQDTVCVDLIQSK, is from internal This antibody is expected to recognize the C-Terminal part of Granulin-3.
Applications	Pept ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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 Bat)
IHC	
Reference	Reference(s): Capell A, Liebscher S, Fellerer K, Brouwers N, Willem M, Lammich S, Gijsselinck I, Bittner T, Carlson AM, Sasse F, Kunze B, Steinmetz H, Jansen R, Dormann D, Sleegers K, Cruts M, Herms J, Van Broeckhoven C, Haass C. Rescue of programulin deficiency associated with frontotemporal lobar degenera-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**