

## PGRN Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251319

**Unit:** 0.1 mg

**Description:**

Granulins are a family of secreted glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. Progranulin (PGRN) is processed into granulin and then into a variety of active 6-kDa peptides (granulin A-G) that have possible cytokine-like activities with a role in inflammation, wound repair and tissue remodeling. Granulins are highly expressed in myelogenous leukemic cell lines of promonocytic, promyelocytic and proerythroid lineages. Defects in progranulin are the cause of ubiquitin-positive frontotemporal dementia (UP-FTD), the second most common cause of dementia in people under the age of 65 years.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

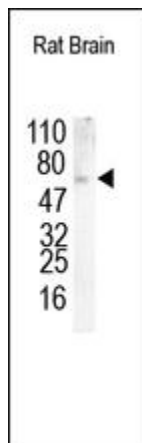
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 0.1 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

**Alternate Names:** Granulins; Proepithelin; PEPI; Acrogranin; Paragranulin; Granulin-1; Granulin-2; Granulin-3; Granulin-4; Granulin-5; Granulin-6; Granulin-7; Granulin G; Granulin F; Granulin B; Granulin A; Granulin C; Granulin D; Granulin E; GRN; Progranulin; PGRN

**Accession No.:** P28799

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human progranulin.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



**The PGRN Antibody is used in Western blot to detect PGRN in rat brain lysate from rat Alzheimer model.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.