



Rabbit Anti-Human GRN Polyclonal antibody (CABT-L241R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	GRN
Target	GRN
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 281-336 of human Granulin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Affinity purification
Conjugate	unconjugated
Applications	WB, IF
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% sodium azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction

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. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis.

Keywords

GRN; CLN11; GEP; GP88; PCDGF; PEPI; PGRN; granulins