

Allgemeine Informationen

Katalog-Nr.: 60037-2-Ig	GenBank-Zugangsnummer: BC010577	Reinigungsmethode: Caprylsäure/Ammoniumsulfat-Präzipitation
Größe: 150ul , Konzentration: 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2896	CloneNo.: 5B8B7
Wirt: Maus	Vollständiger Name: granulin	Empfohlene Verdünnungen: WB 1:200-1:1000
Isotyp: IgG1	Berechnete Masse: 64 kDa	
Immunogen Katalognummer: AG0010	Beobachtete Masse: 64-68 kDa	

Anwendungen

Geprüfte Anwendungen: WB,ELISA	Positivkontrollen: WB : HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

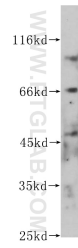
GRN, also known as PGRN or PCDGF, is a cysteine-rich protein of 68.5 kDa that is typically secreted into a highly glycosylated 88 kDa form. PGRN is a unique growth factor that plays an important role in cutaneous wound healing. It has an anti-inflammatory effect and promotes cell proliferation. When PCDGF is degraded to several 6-25 kDa fragments, called granulins (GRNs) by neutrophil proteases, a pro-inflammatory reaction occurs. PGRN is widely expressed, particularly in epithelial cells, immune cells, neurons, and chondrocytes. High levels of PGRN expression have been reported in human cancers, and its expression is closely correlated with the development and metastasis of several cancers. The recent discovery that mutations in the gene encoding for pro-granulin (GRN) cause frontotemporal lobar degeneration (FTLD), and other neurodegenerative diseases leading to dementia, has brought renewed interest in progranulin and its functions in the central nervous system.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 60037-2-Ig (Granulin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.