

Nur für Forschungszwecke

# Granulin Polyklonaler Antikörper

Katalog-Nr.:18410-1-AP

Vorgestelltes Produkt

11 Publikationen



## Allgemeine Informationen

Katalog-Nr.:

18410-1-AP

Größe:

150ul, Konzentration: 850 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG13178

GenBank-Zugangsnummer:

BC000324

GeneID (NCBI):

2896

Vollständiger Name:

granulin

Berechnete Masse:

64 kDa

Beobachtete Masse:

60-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

## Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : A549-Zellen, A431-Zellen, HEK-293-Zellen, HeLa-Zellen, Mausherzgewebe, Mauslungengewebe, PC-3-Zellen, Rattenhirngewebe, RAW 264.7-Zellen, THP-1-Zellen, U-937-Zellen

## 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ichiro Horinokita	31640144	Int J Mol Sci	WB,IHC,IF
Lili Wang	35318322	Transl Psychiatry	WB
Junying Lan	34175324	Neuropharmacology	WB

## 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

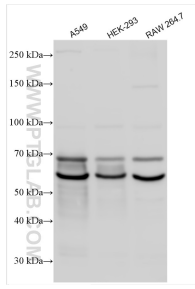
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 18410-1-AP (Granulin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.