Datasheet for ABIN1169392

anti-Granulin antibody

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	Granulin (GRN)
Reactivity:	Mouse
Host:	Rat
Clonality:	Polyclonal
Conjugate:	This Granulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant mouse progranulin.
Specificity:	Recognizes mouse progranulin. Detects a band of ~90 kDa by Western blot.
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Weakly cross-reacts with human progranulin.
Sterility:	0.2 µm filtered

Target Details

Target:	Granulin (GRN)
Alternative Name:	Progranulin (GRN Products)
Target Type:	Viral Protein
Background:	Progranulin (PGRN) is a widely expressed pluripotent growth factor which plays a role in

Target Details

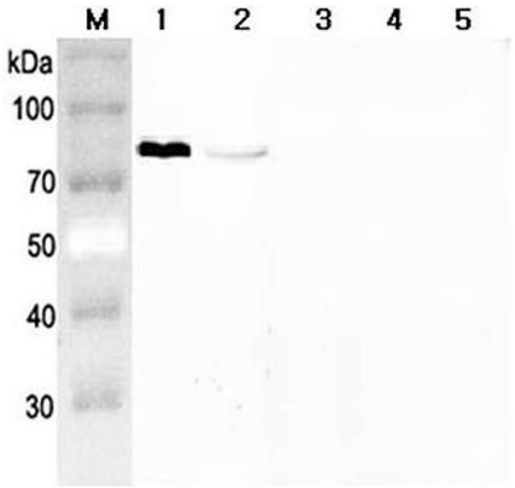
	processes such as development, wound repair and inflammation by activating signaling cascades that control cell cycle progression and cell motility. Its function in the central nervous system is of interest, as mutations in the PGRN gene were found in cases of frontotemporal degeneration (FTLD). In addition, PGRN has also been linked to tumorigenesis. Progranulin is a biomarker for FTLD, other types of Alzheimer's Disease (AD) and potentially for MCI (Mild Cognitive Impairment). Additionally, PGRN is described as a new ligand of TNF receptors and a potential therapeutic against inflammatory disease like arthritis.
UniProt:	P28798

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis using anti-Progranulin (mouse), pAb at 1:2'000 dilution. 1: Mouse Progranulin (FLAG ® -tagged). 2: Human Progranulin (FLAG ® -tagged). 3: Human Granulin C (FLAG ® -tagged). 4: Human Granulin F (FLAG ® -tagged). 5: Human ANGPTL3 (FLAG ® -tagged) (negative control).

Copyright antibodies-online. All rights reserved.