

Datasheet for ABIN6391391
anti-Granulin antibody (AA 248-259)



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1 Image

Overview

Quantity:	100 µg
Target:	Granulin (GRN)
Binding Specificity:	AA 248-259
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Granulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Progranulin aa248-259 / Granulin-3
Sequence:	PQDTVCDLIQ SK
Isotype:	IgG
Specificity:	This antibody is expected to recognize the C-Terminal part of Granulin-3.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

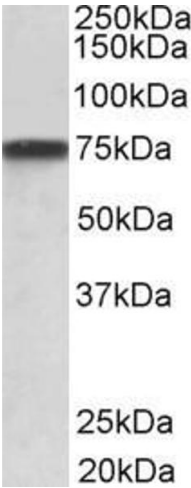
Target:	Granulin (GRN)
Alternative Name:	GRN (GRN Products)
Target Type:	Viral Protein
Background:	GRN, granulin, GEP, GP88, PCDGF, PEPI, PGRN, PC cell-derived growth factor, acrogranin, granulin-epithelin, granulins, proepithelin, progranulin
Gene ID:	2896
NCBI Accession:	NP_002078

Application Details

Application Notes:	Western Blot: Approx 75 kDa band observed in lysates of cell lines A431, A549 and HeLa (calculated MW of 63.5 kDa according to NP_002078.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (He and Bat Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN6391391 (1µg/ml) staining of A431 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.