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Datasheet for ABIN7269929

anti-Reticulon 3 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Reticulon 3 (RTN3)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Reticulon 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	RTN3 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human RTN3 (NP_006045.1).
Sequence:	YKSVIQAVQK SEEGHPFKAY LDVDITLSSE AFHNYMNAAM VHINRALKLI IRLFLVEDLV DSLKLAVFMW LMTYVGAVFN GITLLILAE LIFSVPIVYE KYKTQIDHYV GIARDQTKSI VEKIQAKLPG IAKKKA
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

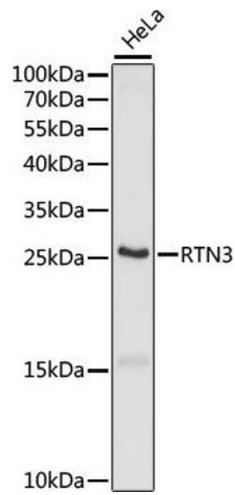
Target:	Reticulon 3 (RTN3)
Alternative Name:	RTN3 (RTN3 Products)
Background:	<p>This gene belongs to the reticulon family of highly conserved genes that are preferentially expressed in neuroendocrine tissues. This family of proteins interact with, and modulate the activity of beta-amyloid converting enzyme 1 (BACE1), and the production of amyloid-beta. An increase in the expression of any reticulon protein substantially reduces the production of amyloid-beta, suggesting that reticulon proteins are negative modulators of BACE1 in cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, and pseudogenes of this gene are located on chromosomes 4 and 12.,RTN3,ASYIP,HAP,NSPL2,NSPLII,RTN3-A1,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,RTN3</p>
Molecular Weight:	23kDa/25kDa/26kDa/27kDa/100kDa/110kDa/112kDa
Gene ID:	10313
UniProt:	O95197

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using RTN3 antibody (ABIN7269929) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.