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Datasheet for ABIN1539240

anti-ITM2C antibody (N-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	ITM2C
Binding Specificity:	AA 27-55, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITM2C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ITM2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human ITM2C.
Clone:	RB36714
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

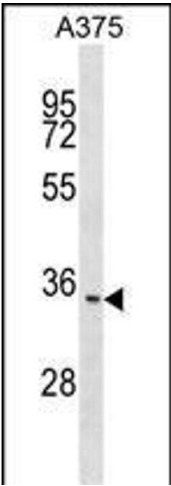|	
Target:	ITM2C
Alternative Name:	ITM2C (ITM2C Products)

Target Details

Background:	Negative regulator of beta amyloid peptide production. May inhibit the processing of APP by blocking its access to alpha-and beta-secretase. Binding to the beta-secretase-cleaved APP C-terminal fragment is negligible, suggesting that ITM2C is a poor gamma-secretase cleavage inhibitor. May play a role in TNF-induced cell death and neuronal differentiation (By similarity).
Molecular Weight:	30224
Gene ID:	81618
NCBI Accession:	NP_001012532, NP_001012534, NP_112188
UniProt:	Q9NQX7

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	ITM2C Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

Images

Western Blotting

Image 1. ITM2C Antibody (N-term) (ABIN1539240 and ABIN2848831) western blot analysis in cell line lysates (35 µg/lane).This demonstrates the ITM2C antibody detected the ITM2C protein (arrow).