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Datasheet for ABIN1393746

**anti-ITM2C antibody (AA 3-88) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	ITM2C
Binding Specificity:	AA 3-88
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITM2C antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITM2C
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	ITM2C
Alternative Name:	ITM2C ( <a href="#">ITM2C Products</a> )
Background:	Synonyms: BRI3, BRICD2C, BRICHOS domain containing 2C, Cerebral protein 14, CT-BRI3, E25,

## Target Details

E25C , Integral membrane protein 2C, Integral membrane protein 3, Itm2c, ITM2C\_HUMAN, ITM3 antibodyNPD018, Transmembrane protein BRI3.

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.

Gene ID: 81618

UniProt: [Q9NQX7](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months