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## Datasheet for ABIN7467380 **anti-ITM2B antibody**

### Overview

Quantity:	100 µL
Target:	ITM2B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITM2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ITM2B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	ITM2B
Alternative Name:	integral membrane protein 2B ( <a href="#">ITM2B Products</a> )
Background:	Integral membrane protein 2B , ABRI , BRI , BRI2 , BRICD2B , E25B , E3-16 , FBD , RDGCA , imBRI2,Amyloid precursor proteins are processed by beta-secretase and gamma-secretase to

## Target Details

produce beta-amyloid peptides which form the characteristic plaques of Alzheimer disease. This gene encodes a transmembrane protein which is processed at the C-terminus by furin or furin-like proteases to produce a small secreted peptide which inhibits the deposition of beta-amyloid. Mutations which result in extension of the C-terminal end of the encoded protein, thereby increasing the size of the secreted peptide, are associated with two neurodegenerative diseases, familial British dementia and familial Danish dementia. [provided by RefSeq]

Molecular Weight: 30 kDa

Gene ID: 9445

UniProt: [Q9Y287](#)

## Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: rat brain , RT-4

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.81 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.