

Datasheet for ABIN7467380 **anti-ITM2B antibody**



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Overview

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|--------------|--|
| 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

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|-------------------|---|
| 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 (ITM2B Products) |
| 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 neurogenerative 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.