

## **Product datasheet for TA360572**

## **ITM2B Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the N terminal region of human Immunogen:

ITM2B

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

**Purification:** Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

**Predicted Protein Size:** 29 kDa

Gene Name: integral membrane protein 2B

Database Link: NP 068839.1

Entrez Gene 9445 Human

Q9Y287



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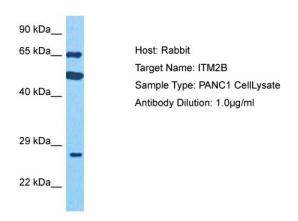
**Background:** Amyloid precursor proteins are processed by beta-secretase and gamma-secretase to

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.

Synonyms: ABRI; BRI2; BRICD2B; E3-16; E25B; FBD

**Protein Families:** Druggable Genome, Transmembrane

## **Product images:**



Host: Rabbit Target Name: ITM2B

Sample Tissue: Human PANC1 Whole Cell lysates

Antibody Dilution: 1ug/ml