

ITM2C Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17192a**Specification**

ITM2C Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NQX7
Other Accession	O4R540 , NP_001012532.1 , NP_001012534.1
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30224
Antigen Region	27-55

ITM2C Antibody (N-term) - Additional Information**Gene ID** 81618**Other Names**

Integral membrane protein 2C, Cerebral protein 14, Transmembrane protein BRI3, CT-BRI3, ITM2C, BRI3

Target/Specificity

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.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ITM2C Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ITM2C Antibody (N-term) - Protein Information**Name** ITM2C

Synonyms BRI3

Function Negative regulator of amyloid-beta 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).

Cellular Location

Lysosome membrane; Single-pass type II membrane protein. Cell membrane; Single-pass type II membrane protein

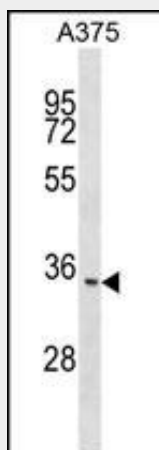
Tissue Location

High levels in the brain, specifically in the cerebral cortex, medulla, amygdala, hippocampus, thalamus, caudate nucleus, cerebellum, olfactory lobe and spinal cord. Very low levels in other organs.

ITM2C Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ITM2C Antibody (N-term) - Images

ITM2C Antibody (N-term) (Cat. #AP17192a) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the ITM2C antibody detected the ITM2C protein (arrow).

ITM2C Antibody (N-term) - 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).

ITM2C Antibody (N-term) - References

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