

Datasheet for ABIN1411640
anti-ITM2C antibody (AA 3-88) (HRP)



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Overview

Quantity:	100 µL
Target:	ITM2C
Binding Specificity:	AA 3-88
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITM2C antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 (ITM2C Products)
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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

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

Expiry Date: 12 months