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Datasheet for ABIN1422070
anti-ITM2A antibody (AA 73-123) (HRP)

Overview

Quantity:	100 µL
Target:	ITM2A
Binding Specificity:	AA 73-123
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITM2A antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITM2A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ITM2A
Alternative Name:	ITM2A (ITM2A Products)
Background:	Synonyms: E25A, BRICD2A, Integral membrane protein 2A, Protein E25, ITM2A, UNQ603/PRO1189

Target Details

Background: The type II integral membrane (ITM2) protein family consists of three members ITM2A (also designated E25), ITM2B and ITM2C. ITM2A expression is high in osteogenic and lymphoid tissues, while both ITM2B and ITM2C are expressed in brain. Mutations in the ITM2B gene can lead to familial British dementia (fbd), and autosomal dominant disease characterized by progressive dementia, spasticity, and cerebellar ataxia, or familial Danish dementia (fdd), an autosomal dominant disorder characterized by cataracts, deafness, progressive ataxia, and dementia. The ITM2A 263-amino acid protein contains an N-terminal cytosolic domain, an uncleaved signal anchor sequence, and a tyrosine-rich C-terminal domain. Human ITM2A shares 91 % homology with mouse ITM2A.

Gene ID: 9452

UniProt: [O43736](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

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