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Datasheet for ABIN1420036
anti-MARCH7 antibody (AA 65-115) (HRP)

Overview

Quantity:	100 µL
Target:	MARCH7
Binding Specificity:	AA 65-115
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARCH7 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 MARCH7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MARCH7
Alternative Name:	MARCH7 (MARCH7 Products)
Background:	Synonyms: AXO, AXOT, Axotrophin, E3 ubiquitin-protein ligase MARCH7, MARCH VII, MARCH-VII, March7, MARH7_HUMAN, Membrane associated RING CH protein VII, Membrane

Target Details

associated ring finger C3HC4 7 E3 ubiquitin protein ligase, membrane associated ring finger C3HC4 7, Membrane associated RING finger protein 7, Membrane-associated RING finger protein 7, Membrane-associated RING-CH protein VII, RING finger protein 177, RNF177.

Background: Axotrophin is a stem cell gene that encodes a protein which is involved in T lymphocyte regulation (especially in regulating the proliferation) and leukemia inhibitory factor (LIF) release. LIF is a neuropoietic cytokine that is important for stem cell regulation and thymocyte stimulation. Both Axotrophin and LIF are linked to transplantation intolerance. Axotrophin is also involved in corpus callosum differentiation and may play a role in glial cell line-derived neurotrophic factor (GDNF)-dependent sensory neuron survival in the substantia gelatinosa of the adult spinal cord. Axotrophin is primarily expressed in the hippocampus, cortex, purkinje and granule cells of the cerebellum.

Gene ID: 64844

UniProt: [Q9H992](#)

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.

Handling

Expiry Date: 12 months