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Datasheet for ABIN1408694

anti-RIMBP2 antibody (AA 951-1052) (HRP)

Overview

Quantity:	100 µL
Target:	RIMBP2
Binding Specificity:	AA 951-1052
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIMBP2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RIMBP2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	RIMBP2
Alternative Name:	RIMBP2 (RIMBP2 Products)
Background:	Synonyms: RIM-BP2, RIMB2_HUMAN, RIMBP2, RIMS-binding protein 2.

Target Details

Background: RIMS-binding proteins (RIM-BPs) serve as adaptors during vesicle fusion and release by forming links between synaptic-vesicle fusion apparatuses and calcium channels. Specifically, RIM-BP2 (RIMS binding protein 2), also known as RBP2, is a 1,052 amino acid protein that links L-type Ca⁺⁺ CP Alpha1D, N-type Ca⁺⁺ CP Alpha1B, Rim1 and Rim2 during synaptic transmission. RIM-BP2 contains three fibronectin type-III domains and three SH3 domains, which are used to mediate binding to a proline-rich motifs. Existing as three alternatively spliced isoforms, RIM-BP2 is encoded by a gene that maps to human chromosome 12q24.33 and mouse chromosome 5 G1.3.

Gene ID: 23504

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