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Datasheet for ABIN1390798

## anti-RIMBP2 antibody (AA 951-1052) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	RIMBP2
Binding Specificity:	AA 951-1052
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIMBP2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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 ( <a href="#">RIMBP2 Products</a> )
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<sup>++</sup> CP Alpha1D, N-type Ca<sup>++</sup> 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: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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.

Storage: -20 °C

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

Expiry Date: 12 months