Datasheet for ABIN7601441

anti-RIMBP2 antibody (AA 351-1049)

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Overview

Quantity:	100 µg
Target:	RIMBP2
Binding Specificity:	AA 351-1049
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIMBP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Anti-RIMBP2 Antibody Picoband®
Immunogen:	E.coli-derived human RIMBP2 recombinant protein (Position: K351-H1049).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RIMBP2 Antibody Picoband® (ABIN7601441). Tested in ELISA, Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	RIMBP2
Alternative Name:	RIMBP2 (RIMBP2 Products)
Background:	Synonyms: Transmembrane protein 240,TMEM240,C1orf70, Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: RIMS binding protein 2 is a protein that in humans is encoded by the RIMBP2 gene. Predicted to be involved in neuromuscular synaptic transmission. Predicted to be located in plasma membrane and synapse. Predicted to be active in presynaptic active zone cytoplasmic component.
Molecular Weight:	150 kDa
Gene ID:	23504
UniProt:	O15034

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat Immunofluorescence, 5 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg /1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Mittelstaedt, T., Schoch, S. Structure and evolution of RIM-BP genes: identification of a novel family member. Gene 403: 70-79, 2007. 2. Nagase, T., Ishikawa, K., Nakajima, D., Ohira, M., Seki, N., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. VII. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro. DNA Res. 4: 141-150, 1997. 3. Wang, Y., Sugita, S., Sudhof, T. C. The RIM/NIM family of neuronal C2 domain proteins: interactions with Rab3 and a new class of Src homology 3 domain proteins. J. Biol. Chem. 275: 20033-20044, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.