

Datasheet for ABIN7600344
anti-RFTN1 antibody (AA 18-437)



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Overview

Quantity:	100 µg
Target:	RFTN1
Binding Specificity:	AA 18-437
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFTN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RFTN1 Antibody Picoband®
Immunogen:	E.coli-derived human RFTN1 recombinant protein (Position: N18-K437).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RFTN1 Antibody Picoband® (ABIN7600344). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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:	RFTN1
Alternative Name:	RFTN1 (RFTN1 Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: Enables double-stranded RNA binding activity. Involved in B cell receptor signaling pathway, membrane raft assembly, and positive regulation of growth rate. Acts upstream of or within dsRNA transport, response to exogenous dsRNA, and toll-like receptor 3 signaling pathway. Located in endosome, membrane raft, and plasma membrane. Part of protein-containing complex.</p>
Molecular Weight:	70 kDa
Gene ID:	23180
UniProt:	Q14699

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Saeki, K., Miura, Y., Aki, D., Kurosaki, T., Yoshimura, A. The B cell-specific major raft protein, Raftlin, is necessary for the integrity of lipid raft and BCR signal transduction. EMBO J. 22: 3015-3026, 2003. 2. Tatematsu, M., Yoshida, R., Morioka, Y., Ishii, N., Funami, K., Watanabe, A., Saeki, K., Seya, T., Matsumoto, M. Raftlin controls lipopolysaccharide-induced TLR4 internalization and TICAM-1 signaling in a cell type-specific manner. J. Immun. 196: 3865-3876, 2016. 3. Watanabe, A., Tatematsu, M., Saeki, K., Shibata, S., Shime, H., Yoshimura, A., Obuse, C., Seya, T., Matsumoto, M. Raftlin is involved in the nucleocapture complex to induce poly(I:C)-mediated TLR3 activation. J. Biol. Chem. 286: 10702-10711, 2011.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
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.