

Datasheet for ABIN7602348
anti-RPAIN antibody (AA 70-213)



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Overview

Quantity:	100 µg
Target:	RPAIN
Binding Specificity:	AA 70-213
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPAIN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RPAIN Antibody Picoband®
Immunogen:	E.coli-derived human RPAIN recombinant protein (Position: N70-D213).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RPAIN Antibody Picoband® (ABIN7602348). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse. 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:	RPAIN
Alternative Name:	RPAIN (RPAIN 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: RPA-interacting protein is a protein that in humans is encoded by the RPAIN gene. Predicted to enable metal ion binding activity. Acts upstream of or within several processes, including DNA metabolic process, protein import into nucleus, and response to UV. Located in PML body, cytoplasm, and fibrillar center.</p>
Molecular Weight:	35 kDa
Gene ID:	84268
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Chen, J.-Z., Huang, S.-D., Ji, C.-N., Pang, R.-Y., Xie, Y., Xue, J.-L. Identification, expression pattern, and subcellular location of human RIP isoforms. DNA Cell Biol. 24: 464-469, 2005.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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 Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>