

Datasheet for ABIN7601186  
**anti-RILPL1 antibody (AA 3-324)**



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## Overview

Quantity:	100 µg
Target:	RILPL1
Binding Specificity:	AA 3-324
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RILPL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-RILPL1 Antibody Picoband®
Immunogen:	E.coli-derived human RILPL1 recombinant protein (Position: E3-K324). Human RILPL1 shares 93.2% and 93.5% amino acid (aa) sequence identity with mouse and rat RILPL1, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-RILPL1 Antibody Picoband® (ABIN7599215). Tested in WB, ELISA applications. This antibody reacts with Human, 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:	RILPL1
Alternative Name:	RILPL1 ( <a href="#">RILPL1 Products</a> )
Background:	<p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: While the function of the Rab interacting lysosomal protein-like 1 (RILPL1) remains unknown, the homologous protein RILP is a small GTPase that controls transport to endocytic compartments, suggesting RILPL1 may have similar functions. However, overexpression of RILP caused enlarged lysosomes that are more centrally located in the cell, while overexpression of RILPL1 had no visible effect on the location or morphology of lysosomes.</p>
Molecular Weight:	50 kDa
Gene ID:	353116

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 7/11/2011. 2. Sen, N., Hara, M. R., Ahmad, A. S., Cascio, M. B., Kamiya, A., Ehmsen, J. T., Agrawal, N., Hester, L., Dore, S., Snyder, S. H., Sawa, A. GOSPEL: a neuroprotective protein that binds to GAPDH upon S-nitrosylation. Neuron 63: 81-91, 2009. Note: Erratum: Neuron 63: 709 only, 2009. 3. Wang, T., Wong, K. K., Hong, W. A unique region of RILP distinguishes it from its related proteins in its regulation of lysosomal morphology and interaction with Rab7 and Rab34. Molec. Biol. Cell 15: 815-826, 2004.</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 Na <sub>2</sub> HPO <sub>4</sub> .
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.