

Datasheet for ABIN7602431
anti-REPS2 antibody (AA 76-564)



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Overview

Quantity:	100 µg
Target:	REPS2
Binding Specificity:	AA 76-564
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REPS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-REPS2 Antibody Picoband®
Immunogen:	E.coli-derived human REPS2 recombinant protein (Position: A76-K564). Human REPS2 shares 88.4% amino acid (aa) sequence identity with mouse REPS2.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-REPS2 Antibody Picoband® (ABIN7602431). Tested in WB, ELISA applications. This antibody reacts with 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:	REPS2
Alternative Name:	REPS2 (REPS2 Products)
Background:	<p>Synonyms: REPS2, POB1, RalBP1-associated Eps domain-containing protein 2, Partner of RalBP1, RalBP1-interacting protein 2</p> <p>Background: The product of this gene is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	72 kDa
Gene ID:	9185
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL</p> <p>1. Feig, L. A. Ral-GTPases: approaching their 15 minutes of fame. Trends. Cell Biol. 13: 419-425, 2003. 2. Ikeda, M., Ishida, O., Hinoi, T., Kishida, S., Kikuchi, A. Identification and characterization of a novel protein interacting with Ral-binding protein 1, a putative effector protein of Ral. J. Biol. Chem. 273: 814-821, 1998. 3. Kariya, K., Koyama, S., Nakashima, S., Oshiro, T., Morinaka, K., Kikuchi, A. Regulation of complex formation of POB1/epsin/adaptor protein complex 2 by mitotic phosphorylation. J. Biol. Chem. 275: 18399-18406, 2000.</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:	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.