

Datasheet for ABIN7601841
anti-RASAL3 antibody (AA 48-925)



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Overview

Quantity:	100 µg
Target:	RASAL3
Binding Specificity:	AA 48-925
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASAL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RASAL3 Antibody Picoband®
Immunogen:	E.coli-derived human RASAL3 recombinant protein (Position: R48-Q925). Human RASAL3 shares 82.4% amino acid (aa) sequence identity with mouse RASAL3.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-RASAL3 Antibody Picoband® (ABIN7601841). Tested in WB, IHC, Flow Cytometry, ELISA 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:	RASAL3
Alternative Name:	RASAL3 (RASAL3 Products)
Background:	<p>Synonyms: RASAL3, RAS protein activator like-3</p> <p>Background: This gene belongs to the Ras GTPase-activating proteins (RasGAP) family and encodes a protein with pleckstrin homology (PH), C2, and Ras GTPase-activation protein (RasGAP) domains. This protein is localized near or at the plasma membrane when expressed exogenously. Reduced expression of this gene in some cell lines resulted in increased levels of the active form of Ras (Ras-GTP), suggesting that this gene may play a role in negatively regulating the Ras signaling pathway. Alternative splicing results in multiple transcript variants encoding different isoforms.</p>
Molecular Weight:	112 kDa
Gene ID:	64926

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse</p> <p>Immunohistochemistry, 2-5 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. Gross, M. B. Personal Communication. Baltimore, Md. 9/18/2015. 2. Saito, S., Kawamura, T., Higuchi, M., Kobayashi, T., Yoshita-Takahashi, M., Yamazaki, M., Abe, M., Sakimura, K., Kanda, Y., Kawamura, H., Jiang, S., Naito, M., Yoshizaki, T., Takahashi, M., Fujii, M. RASAL3, a novel hematopoietic RasGAP protein, regulates the number and functions of NKT cells. <i>Europ. J. Immun.</i> 45: 1512-1523, 2015.</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 ₂ HPO ₄ .
Storage:	4 °C, -20 °C

Handling

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.