Datasheet for ABIN7602320

anti-RASL12 antibody (AA 7-261)

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Overview

Quantity:	100 µg
Target:	RASL12
Binding Specificity:	AA 7-261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASL12 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-RASL12 Antibody Picoband®
Immunogen:	E.coli-derived human RASL12 recombinant protein (Position: K7-K261). Human RASL12 shares 93.3% amino acid (aa) sequence identity with mouse RASL12.
Characteristics:	Anti-RASL12 Antibody Picoband® (ABIN7602320). Tested in WB, ICC/IF, Flow Cytometry, ELISA 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:	RASL12
Alternative Name:	RASL12 (RASL12 Products)
Background:	Belonging to the small GTPase superfamily/Ras family, RASL12 is localized in the cellular membrane and cytoplasm. RASL12 has many important molecular functions including GTP binding, GTPase activity and nucleotide binding. The main biological function of this gene is to participate in the GTP catabolic process, signal transduction and small GTPase mediated signal transduction. RASL12 interacts with ACVR1, SMAD1, SMAD2, SMAD3 and SMURF2. Documented diseases associated with RASL12 include acute kidney tubular necrosis, intraepithelial neoplasm, retinitis, endometrial cancer, coronary artery disease and Huntington's disease.
Molecular Weight:	30 kDa
Gene ID:	51285

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Wistow, G., Bernstein, S. L., Ray, S., Wyatt, M. K., Behal, A., Touchman, J. W., ... & Peterson, K. (2002). Expressed sequence tag analysis of adult human iris for the NEIBank Project: steroid-response factors and similarities with retinal pigment epithelium. Mol Vis, 8(21), 185-195. 2. Barrios-Rodiles, M., Brown, K. R., Ozdamar, B., Bose, R., Liu, Z., Donovan, R. S., ... & Wrana, J. L. (2005). High-throughput mapping of a dynamic signaling network in mammalian cells. Science, 307(5715), 1621-1625. 3. Lipp, J. J., Marvin, M. C., Shokat, K. M., & Guthrie, C. (2015). SR protein kinases promote splicing of nonconsensus introns. Nature structural & molecular biology, 22(8), 611.
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

Handling

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.