Datasheet for ABIN7601919

anti-GARNL1 antibody (AA 503-1729)

Go to Product page

Overview

Quantity:	100 µg
Target:	GARNL1 (RALGAPA1)
Binding Specificity:	AA 503-1729
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARNL1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GARNL1/RALGAPA1 Antibody Picoband®
Immunogen:	E.coli-derived human GARNL1/RALGAPA1 recombinant protein (Position: S503-H1729). Human GARNL1/RALGAPA1 shares 95% amino acid (aa) sequence identity with both mouse and rat GARNL1/RALGAPA1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-GARNL1/RALGAPA1 Antibody Picoband® (ABIN7601919). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, 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.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	GARNL1 (RALGAPA1)
Alternative Name:	RALGAPA1 (RALGAPA1 Products)
Background:	Synonyms: RALGAPA1, GARNL1, KIAA0884, TULIP1, Ral GTPase-activating protein subunit alpha-1, GAP-related-interacting partner to E12, GRIPE, GTPase-activating Rap/Ran-GAP domain-like 1, Tuberin-like protein 1, p240 Background: This gene encodes a major subunit of the RAL-GTPase activating protein. A similar protein in mouse binds E12, a transcriptional regulator of immunoglobulin genes. The mouse protein also functions in skeletal muscle by binding to the regulatory 14-3-3 proteins upon stimulation with insulin or muscle contraction. A pseudogene of this gene has been identified on chromosome 9.
Molecular Weight:	250 kDa
Gene ID:	253959

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Heng, J. I. T., Tan, S.-S. Cloning and characterization of GRIPE, a novel interacting partner of the transcription factor E12 in developing mouse forebrain. J. Biol. Chem. 277: 43152-43159, 2002. 2. Nagase, T., Ishikawa, K., Suyama, M., Kikuno, R., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XI. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 5: 277-286, 1998. 3. Schwarzbraun, T., Vincent, J. B., Schumacher, A., Geschwind, D. H., Oliveira, J., Windpassinger, C., Ofner, L., Ledinegg, M. K., Kroisel, P. M., Wagner, K., Petek, E. Cloning, genomic structure, and expression profiles of TULIP1 (GARNL1), a brain-expressed candidate gene for 14q13-linked neurological phenotypes, and its murine homologue. Genomics 84: 577-586, 2004.
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.