Datasheet for ABIN7601493

anti-RAPH1 antibody (AA 37-1199)

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Overview

Quantity:	100 µg
Target:	RAPH1
Binding Specificity:	AA 37-1199
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAPH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-RAPH1 Antibody Picoband®
Immunogen:	E.coli-derived human RAPH1 recombinant protein (Position: K37-D1199).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-RAPH1 Antibody Picoband® (ABIN7601493). Tested in WB, IHC, 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:	RAPH1
Alternative Name:	RAPH1 (RAPH1 Products)
Background:	Synonyms: RAPH1, ALS2CR18, ALS2CR9, KIAA1681, LPD, PREL2, RMO1, Ras-associated and pleckstrin homology domains-containing protein 1, RAPH1, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 18 protein, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 9 protein, Lamellipodin, Proline-rich EVH1 ligand 2, PREL-2, Protein RMO1 Background: This gene encodes a protein that belongs to the Mig10/Rap1-interacting adaptor molecule/Lamellipodin family of adapter proteins, which function in cell migration. Members of this family contain pleckstrin-homology domains, Ras-association domains, and proline-rich C-termini. The protein encoded by this gene regulates actin dynamics through interaction with Ena/Vasodilator proteins as well as direct binding to filamentous actin to regulate actin network assembly. Alternative splicing results in multiple transcript variants.
Molecular Weight:	135 kDa
Gene ID:	65059
UniProt:	Q70E73

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse Immunohistochemistry, 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL 1. Krause, M., Leslie, J. D., Stewart, M., Lafuente, E. M., Valderrama, F., Jagannathan, R., Strasser, G. A., Rubinson, D. A., Liu, H., Way, M., Yaffe, M. B., Boussiotis, V. A., Gertler, F. B. Lamellipodin, an Ena/VASP ligand, is implicated in the regulation of lamellipodial dynamics. Dev. Cell 7: 571-583, 2004. 2. Nagase, T., Kikuno, R., Hattori, A., Kondo, Y., Okumura, K., Ohara, O. Prediction of the coding sequences of unidentified human genes. XIX. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 7: 347-355, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

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.