

Datasheet for ABIN7602533
anti-PLEKHB1 antibody (AA 82-214)



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Overview

Quantity:	100 µg
Target:	PLEKHB1
Binding Specificity:	AA 82-214
Reactivity:	Rat, Human, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-PLEKHB1 Antibody Picoband®
Immunogen:	E.coli-derived human PLEKHB1 recombinant protein (Position: H82-S214). Human PLEKHB1 shares 93.9% and 92.4% amino acid (aa) sequence identity with mouse and rat PLEKHB1, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-PLEKHB1 Antibody Picoband® (ABIN7602533). Tested in WB, ELISA applications. This antibody reacts with Human, Monkey, 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: PLEKHB1

Alternative Name: PLEKHB1 ([PLEKHB1 Products](#))

Background: Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody

Tissue Specificity: Expressed in all tissues.

Background: PLEKHB1, also named as Evecitin-1, EVT1, KPL1, PHR1 and PHRET1, is required for proper localization of retinogeniculate projections but not for eye-specific segregation.

PLEKHB1 has 4 isoforms with MW from 21-27kd. It has Dimerform with MW 42-54 kDa.

Molecular Weight: 27 kDa

Gene ID: 58473

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Monkey, Mouse, Rat

ELISA, 0.1-0.5 µg/mL, -

1. Andrews, K. L., Potdar, P. D., Nettesheim, P., Ostrowski, L. E. KPL1, which encodes a novel PH domain-containing protein, is induced during ciliated cell differentiation of rat tracheal epithelial cells. Exp. Lung Res. 26: 257-271, 2000. 2. Krappa, R., Nguyen, A., Burrola, P., Deretic, D., Lemke, G. Evecitins: vesicular proteins that carry a pleckstrin homology domain and localize to post-Golgi membranes. Proc. Nat. Acad. Sci. 96: 4633-4638, 1999. 3. Xu, S., Ladak, R., Swanson, D. A., Soltyk, A., Sun, H., Ploder, L., Vidgen, D., Duncan, A. M. V., Garami, E., Valle, D., McInnes, R. R. PHR1 encodes an abundant, pleckstrin homology domain-containing integral membrane

Application Details

	protein in the photoreceptor outer segments. J. Biol. Chem. 274: 35676-35685, 1999.
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.