Datasheet for ABIN7599037

anti-ITGB3BP antibody (AA 1-177)

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Overview

Quantity:	100 µg
Target:	ITGB3BP
Binding Specificity:	AA 1-177
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB3BP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Centromere protein R/ITGB3BP Antibody Picoband®
Immunogen:	E.coli-derived human Centromere protein R/ITGB3BP recombinant protein (Position: M1-N177). Human ITGB3BP shares 94.4% and 59.8% amino acid (aa) sequence identity with mouse and rat ITGB3BP, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-Centromere protein R/ITGB3BP Antibody Picoband® (ABIN7599037). Tested in ELISA, IF, ICC, WB 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.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	ITGB3BP
Alternative Name:	ITGB3BP (ITGB3BP 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: Centromere protein R is a protein that in humans is encoded by the ITGB3BP gene. This gene encodes a transcriptional coregulator that binds to and enhances the activity of members of the nuclear receptor families, thyroid hormone receptors and retinoid X receptors. This protein also acts as a corepressor of NF-kappaB-dependent signaling. This protein induces apoptosis in breast cancer cells through a caspase 2-mediated signaling pathway. This protein is also a component of the centromere-specific histone H3 variant nucleosome associated complex (CENP-NAC) and may be involved in mitotic progression by recruiting the histone H3 variant CENP-A to the centromere. Alternate splicing results in multiple transcript variants.
Molecular Weight:	20 kDa
Gene ID:	23421
UniProt:	Q13352
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human

Application Details

	ELISA, 0.1-0.5 µg/mL, - 1. Li, D., Das, S., Yamada, T., Samuels, H. H. The NRIF3 family of transcriptional coregulators induces rapid and profound apoptosis in breast cancer cells. Molec. Cell. Biol. 24: 3838-3848, 2004. 2. Li, D., Desai-Yajnik, V., Lo, E., Schapira, M., Abagyan, R., Samuels, H. H. NRIF3 is a novel coactivator mediating functional specificity of nuclear hormone receptors. Molec. Cell. Biol. 19: 7191-7202, 1999. 3. Li, D., Wang, F., Samuels, H. H. Domain structure of the NRIF3 family of coregulators suggests potential dual roles in transcriptional regulation. Molec. Cell. Biol. 21: 8371-8384, 2001.
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.