

Datasheet for ABIN7600202
anti-ITPRIP antibody (AA 161-542)



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Overview

Quantity:	100 µg
Target:	ITPRIP
Binding Specificity:	AA 161-542
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPRIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-ITPRIP Antibody Picoband®
Immunogen:	E.coli-derived human ITPRIP recombinant protein (Position: R161-Q542). Human ITPRIP shares 78.1% amino acid (aa) sequence identity with mouse ITPRIP.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-ITPRIP Antibody Picoband® (ABIN7600202). Tested in ELISA, IF, IHC, ICC, WB 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: ITPRIP

Alternative Name: ITPRIP ([ITPRIP 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: This gene encodes a membrane-associated protein that binds the inositol 1,4,5-trisphosphate receptor (ITPR). The encoded protein enhances the sensitivity of ITPR to intracellular calcium signaling. Alternative splicing results in multiple transcript variants.

Molecular Weight: 80 kDa

Gene ID: 85450

Application Details

Application Notes: Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat
Immunohistochemistry, 2-5 µg/mL, Human
Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human
ELISA, 0.1-0.5 µg/mL, -
1. van Rossum, D. B., Patterson, R. L., Cheung, K. H., Barrow, R. K., Syrovatkina, V., Gessell, G. S., Burkholder, S. G., Watkins, D. N., Foscett, J. K., Snyder, S. H. DANGER, a novel regulatory protein of inositol 1,4,5-trisphosphate-receptor activity. J. Biol. Chem. 281: 37111-37116, 2006.

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 Na ₂ HPO ₄ .
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.