

Datasheet for ABIN7601698  
**anti-STK32C antibody (AA 42-475)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	STK32C
Binding Specificity:	AA 42-475
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK32C antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-STK32C Antibody Picoband®
Immunogen:	E.coli-derived human STK32C recombinant protein (Position: Q42-M475). Human STK32C shares 92% amino acid (aa) sequence identity with mouse STK32C.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-STK32C Antibody Picoband® (ABIN7601649). Tested in WB, Flow Cytometry, ELISA 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.
Purification:	Immunogen affinity purified.

## Target Details

Target:	STK32C
Alternative Name:	STK32C ( <a href="#">STK32C Products</a> )
Background:	<p>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</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: The protein encoded by this gene is a member of the serine/threonine protein kinase family. It is thought that this family member is functional in brain due to its high expression levels there. DNA methylation differences have been found in this gene in monozygotic twins that are discordant for adolescent depression. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	60,43 kDa
Gene ID:	282974

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Sun, E., Liu, K., Zhao, K., &amp; Wang, L. (2019). Serine/threonine kinase 32C is overexpressed in bladder cancer and contributes to tumor progression. <i>Cancer Biology &amp; Therapy</i>, 20(3), 307-320. 2. Dempster, E. L., Wong, C. C., Lester, K. J., Burrage, J., Gregory, A. M., Mill, J., &amp; Eley, T. C. (2014). Genome-wide methylomic analysis of monozygotic twins discordant for adolescent depression. <i>Biological psychiatry</i>, 76(12), 977-983. 3. Chidambaram, M., Radha, V., &amp; Mohan, V. (2010). Replication of recently described type 2 diabetes gene variants in a South Indian population. <i>Metabolism</i>, 59(12), 1760-1766.</p>
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 <sub>2</sub> HPO <sub>4</sub> .
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.