

Datasheet for ABIN7601840
anti-SH2D3C antibody (AA 48-789)



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Overview

Quantity:	100 µg
Target:	SH2D3C
Binding Specificity:	AA 48-789
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH2D3C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SH2D3C Antibody Picoband®
Immunogen:	E.coli-derived human SH2D3C recombinant protein (Position: D48-H789). Human SH2D3C shares 86.1% amino acid (aa) sequence identity with mouse SH2D3C.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-SH2D3C Antibody Picoband® (ABIN7601840). Tested in ELISA, WB, Flow Cytometry 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:	SH2D3C
Alternative Name:	SH2D3C (SH2D3C Products)
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: SH2 domain containing 3C, also known as SH2D3C, is a protein that in humans is encoded by the SH2D3C gene. This gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein contains a putative Src homology 2 (SH2) domain and guanine nucleotide exchange factor-like domain which allows this signaling protein to form a complex with scaffolding protein Crk-associated substrate. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	94 kDa
Gene ID:	10044
UniProt:	Q8N5H7

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Browne, C. D., Hoefer, M. M., Chintalapati, S. K., Cato, M. H., Wallez, Y., Ostertag, D. V., Pasquale, E. B., Rickert, R. C. SHEP1 partners with CasL to promote marginal zone B-cell maturation. Proc. Nat. Acad. Sci. 107: 18944-18949, 2010. 2. Gross, M. B. Personal Communication. Baltimore, Md. 9/4/2012. 3. Lu, Y., Brush, J., Stewart, T. A. NSP1 defines a</p>
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Application Details

novel family of adaptor proteins linking integrin and tyrosine kinase receptors to the c-Jun N-terminal kinase/stress-activated protein kinase signaling pathway. J. Biol. Chem. 274: 10047-10052, 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.