Datasheet for ABIN7599095

anti-SURF6 antibody (AA 1-216)

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Overview

Quantity:	100 µg
Target:	SURF6
Binding Specificity:	AA 1-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SURF6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-SURF6 Antibody Picoband®
Immunogen:	E.coli-derived human SURF6 recombinant protein (Position: M1-R216). Human SURF6 shares 62.5% amino acid (aa) sequence identity with mouse SURF6.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-SURF6 Antibody Picoband® (ABIN7600393). Tested in WB, ICC/IF, 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:	SURF6
Alternative Name:	SURF6 (SURF6 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: Surfeit locus protein 6 is a protein that in humans is encoded by the SURF6 gene. This gene encodes a conserved protein that is localized to the nucleolus. The encoded protein may function as a nucleolar-matrix protein with nucleic acid-binding properties. There is a pseudogene for this gene on chromosome Y. Alternative splicing results in multiple transcript variants.
Molecular Weight:	45 kDa
Gene ID:	6838
UniProt:	O75683
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Magoulas, C., Fried, M. Isolation and genomic analysis of the human Surf-6 gene: a member of the Surfeit locus. Gene 243: 115-123, 2000. 2. Magoulas, C., Fried, M. The Surf-6 gene of the mouse surfeit locus encodes a novel nucleolar protein. DNA Cell Biol. 15: 305-316, 1996. 3. Magoulas, C., Zatsepina, O. V., Jordan, P. W. H., Jordan, E. G., Fried, M. The SURF-6 protein is a component of the nucleolar matrix and has a high binding capacity for nucleic acids in vitro.

Application Details

	Europ. J. Cell Biol. 75: 174-183, 1998.
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.