Datasheet for ABIN7602196

anti-SLN13 antibody (AA 62-797)

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Overview

Quantity:	100 µg
Target:	SLN13 (SLFN13)
Binding Specificity:	AA 62-797
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLN13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-SLFN13 Antibody Picoband®
Immunogen:	E.coli-derived human SLFN13 recombinant protein (Position: Q62-R797). Human SLFN13 shares 62.1% amino acid (aa) sequence identity with rat SLFN13.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-SLFN13 Antibody Picoband® (ABIN7602196). Tested in ELISA, 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	SLN13 (SLFN13)
Alternative Name:	SLFN13 (SLFN13 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: Schlafen family members are preferentially expressed in lymphoid tissues and are differentially regulated during thymocyte maturation. Schlafen proteins function as suppressors of cell growth and are thought to play a role in the maintenance of T cell quiescence. All members of the Schlafen family contain a conserved core domain and are substantially diversified at the N terminus. Changes in Schalfen protein expression may contribute to phenotypic differences seen in thymic subsets. Slfn13 (Schlafen family member 13), also known as SLFN10, is an 897 amino acid protein that exists as 2 alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 17q12.
Molecular Weight:	102 kDa
Gene ID:	146857
UniProt:	Q68D06

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Bustos, O., Naik, S., Ayers, G., Casola, C., Perez-Lamigueiro, M. A., Chippindale, P. T., Pritham, E. J., de la Casa-Esperon, E. Evolution of the Schlafen genes, a gene family associated with embryonic lethality, meiotic drive, immune processes, and orthopoxvirus virulence. Gene 447: 1-11, 2009. 2. Geserick, P., Kaiser, F., Klemm, U., Kaufmann, S. H. E., Zerrahn, J. Modulation of T

Application Details

	cell development and activation by novel members of the Schlafen (slfn) gene family harbouring an RNA helicase-like motif. Int. Immun. 16: 1535-1548, 2004. 3. Gross, M. B. Personal Communication. Baltimore, Md. 11/30/2012.
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.