Datasheet for ABIN7598994

anti-SIVA1 antibody (AA 1-141)

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Overview

Quantity:	100 µg
Target:	SIVA1
Binding Specificity:	AA 1-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIVA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SIVA/SIVA1 Antibody Picoband®
Immunogen:	E.coli-derived human SIVA/SIVA1 recombinant protein (Position: M1-T141).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SIVA/SIVA1 Antibody Picoband® (ABIN7598994). Tested in ELISA, Flow Cytometry, 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:	SIVA1
Alternative Name:	SIVA1 (SIVA1 Products)
Background:	Synonyms: POU domain, class 4, transcription factor 1 Tissue Specificity: Expressed in the brain and the retina. Present in the developing brain, spinal cord and eye. Background: Apoptosis regulatory protein Siva is a protein that in humans is encoded by the SIVA1 gene. This gene encodes an E3 ubiquitin ligase that regulates cell cycle progression, cell proliferation and apoptosis. The N-terminus of this protein binds to the cytoplasmic tail of the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. In response to UV radiation-induced DNA damage, this protein has been shown to mediate the ubiquitination of proliferating cell nuclear antigen (PCNA), an important step in translesion DNA synthesis.
Molecular Weight:	19 kDa
Gene ID:	10572
UniProt:	O15304
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Nestler, M., Martin, U., Hortschansky, P., Saluz, H.-P., Henke, A., Munder, T. The zinc containing pro-apoptotic protein siva interacts with the peroxisomal membrane protein pmp22. Molec. Cell. Biochem. 287: 147-155, 2006. 2. Prasad, K. V. S., Ao, Z., Yoon, Y., Wu, M. X., Rizk, M., Jacquot, S., Schlossman, S. F. CD27, a member of the tumor necrosis factor receptor family, induces apoptosis and binds to Siva, a proapoptotic protein. Proc. Nat. Acad. Sci. 94: 6346-6351, 1997. 3. Py, B., Slomianny, C., Auberger, P., Petit, P. X., Benichou, S. Siva-1 and an alternative splice form lacking the death domain, Siva-2, similarly induce apoptosis in T lymphocytes via a caspase-dependent mitochondrial pathway. J. Immun. 172: 4008-4017, 2004.
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.

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