

## Datasheet for ABIN6991621 **anti-SIVA1 antibody (N-Term)**



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### Overview

Quantity:	0.1 mg
Target:	SIVA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This SIVA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	SIVA antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human SIVA. The immunogen is located within the first 50 amino acids of SIVA.
Isotype:	IgY
Purification:	SIVA Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	SIVA1
Alternative Name:	SIVA ( <a href="#">SIVA1 Products</a> )
Background:	SIVA Antibody: SIVA plays an important role in the apoptotic pathway induced by the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. SIVA is a small cysteine-rich protein with a unique N-terminal amphipathic helical region, a death domain

## Target Details

homology region (DDHR) and a C-terminal cysteine-rich B-box-like or zinc-finger-like structure. The DDHR domain binds to CD27 and induces apoptosis in T cells through a caspase-dependent mitochondrial pathway. SIVA inhibits BCL2L1 isoform Bcl-xL anti-apoptotic activity and inhibits activation of NFκ-B and promotes T-cell receptor-mediated apoptosis. SIVA represents a potential therapeutic target for the treatment of neuronal cell death diseases.

Gene ID: 10572

NCBI Accession: [NP\\_068355](#)

UniProt: [O15304](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: SIVA antibody can be used for detection of EPAC1 by Western blot at 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SIVA Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SIVA antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.