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Datasheet for ABIN1450104 anti-SIVA1 antibody (N-Term)

2 Images



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), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid synthetic peptide near the amino terminus of human SIVA
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse.
Purification:	Affinity chromatography purified via peptide column

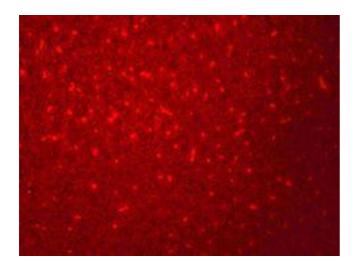
Target Details

Target:	SIVA1
Alternative Name:	SIVA1 / SIVA (SIVA1 Products)
Background:	SIVA plays an important role in the apoptotic pathway induced by the CD27 antigen, a member of the tumor necrosis factor receptor (TFNR) superfamily. SIVA is a small cysteine-rich protein
	with a unique N-terminal amphipathic helical region, a death domain homology region (DDHR)
	and a C-terminal cysteine-rich B-box-like or zinc-finger-like structure. The DDHR domain binds

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Target Details

	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 NFk-B and promotes T-cell receptor-mediated apoptosis. SIVA represents a potential therapeutic target for the treatment of neuronal cell death diseases.Synonyms: Apoptosis regulatory protein Siva, CD27-binding protein, CD27BP
Gene ID:	10572
NCBI Accession:	NP_068355
Pathways:	Positive Regulation of Endopeptidase Activity
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



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Immunofluorescence

Image 1. Immunofluorescence of SIVA in mouse liver cells with SIVA antibody at 20 ug/mL.

Western Blotting

Image 2. Western blot analysis of SIVA in mouse liver tissue lysate with SIVA antibody at 1 ug/mL.

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