

SIVA Antibody

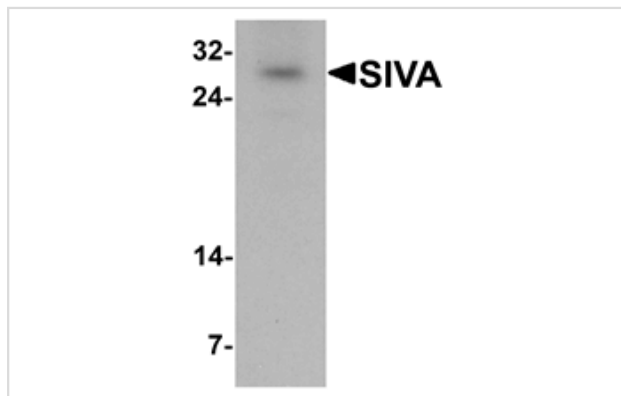
Catalog No: #25397

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Description

Product Name	SIVA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the amino terminus of human SIVA.
Target Name	SIVA
Other Names	SIVA1, apoptosis-inducing factor, CD27-binding protein, CD27BP, SIVA-1, SIVA-2
Accession No.	NP_068355
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



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

Background

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 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.