



SIVA Polyclonal Antibody

Catalog No	BYab-22698
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SIVA1 SIVA
Protein Name	Apoptosis regulatory protein Siva (CD27-binding protein) (CD27BP)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 1-50
Specificity	SIVA Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	19kD
Cell Pathway	Cytoplasm . Nucleus . In the nucleus, accumulates in dot-like structures.
Tissue Specificity	Ubiquitous. Mostly expressed in thymus, testis, ovary, prostate, small intestine and spleen and less in colon.
Function	cofactor:Isoform 1 binds 3 zinc ions. Isoform 2 binds 2 zinc ions.,function:Induces CD27-mediated apoptosis. Inhibits BCL2L1 isoform Bcl-x(L) anti-apoptotic activity. Inhibits activation of NF-kappa-B and promotes T-cell receptor-mediated apoptosis.,pharmaceutical:Could be used as a potentiator of cisplatin-based chemotherapy. Enhances cisplatin-mediated apoptosis, even under conditions where cisplatin resistance occurs due to elevated levels of BCL2 or BCL2L1.,PTM:Phosphorylated by ABL2/ARG in response to oxidative stress.,subcellular location:In the nucleus, accumulates in dot-like structures.,subunit:Binds through its N-terminal region to the C-terminus of CD27 and to PXMP2/PMP22. Binds to the C-terminus of TNFRSF18/GITR. Isoform 1 binds to BCL2L1/BCLX isoform Bcl-x(L) but not to BAX. Binds to capsid protein VP2 from coxsackievirus B3. Binding of SIVA1 to CD27 can be blocked by VP2.,t

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Background

This gene encodes a protein with an important role in the apoptotic (programmed cell death) pathway induced by the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. The CD27 antigen cytoplasmic tail binds to the N-terminus of this protein. Two alternatively spliced transcript variants encoding distinct proteins have been described. [provided by RefSeq, Jul 2008],

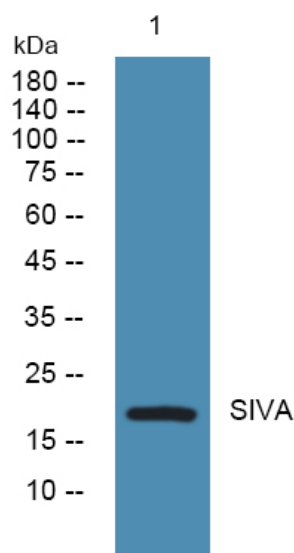
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night