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## Datasheet for ABIN7146401 anti-SS18L1 antibody (AA 47-396) (Biotin)

### Overview

Quantity:	100 µg
Target:	SS18L1
Binding Specificity:	AA 47-396
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SS18L1 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Calcium-responsive transactivator protein (47-396AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SS18L1
Alternative Name:	SS18L1 ( <a href="#">SS18L1 Products</a> )
Background:	Background: Transcriptional activator which is required for calcium-dependent dendritic growth and branching in cortical neurons. Recruits CREB-binding protein (CREBBP) to nuclear bodies.

## Target Details

Component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. In resting neurons, transcription of the c-FOS promoter is inhibited by BRG1-dependent recruitment of a phospho-RB1-HDAC1 repressor complex. Upon calcium influx, RB1 is dephosphorylated by calcineurin, which leads to release of the repressor complex. At the same time, there is increased recruitment of CREBBP to the promoter by a CREST-dependent mechanism, which leads to transcriptional activation. The CREST-BRG1 complex also binds to the NR2B promoter, and activity-dependent induction of NR2B expression involves a release of HDAC1 and recruitment of CREBBP (By similarity).

Aliases: Calcium-responsive transactivator antibody, CREST antibody, CREST\_HUMAN antibody, KIAA0693 antibody, LP2261 antibody, MGC26711 antibody, MGC78386 antibody, sarcoma translocation gene on chromosome18like1 antibody, SS18 antibody, SS18-like protein 1 antibody, SS18L1 antibody, SS18L1 nBAF chromatin remodeling complex antibody, SSXT antibody, synovial sarcoma translocation antibody, synovial sarcoma translocation gene on chromosome 18-like 1 antibody, SYT homolog 1 antibody

UniProt: [O75177](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.