

## Datasheet for ABIN7119693 **anti-SS18L1 antibody**



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	SS18L1
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SS18L1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	synovial sarcoma translocation gene on chromosome 18-like 1
Clone:	7A7
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SS18L1
Alternative Name:	CREST ( <a href="#">SS18L1 Products</a> )
Background:	Synonyms:CREST, KIAA0693, LP2261, SS18 like protein 1, SS18L1, SYT homolog 1 Background:Transcriptional activator which is required for calcium-dependent dendritic growth

## Target Details

and branching in cortical neurons. Recruits CREB-binding protein(CREBBP) to nuclear bodies. 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).

Molecular Weight: 50 kDa

UniProt: [O75177](#)

## Application Details

Application Notes: WB: 1:1000-1:6000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months