

Nur für Forschungszwecke

CREST Monoklonaler Antikörper

Katalog-Nr.:60314-1-Ig



Allgemeine Informationen

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|---|---|--|
| Katalog-Nr.: 60314-1-Ig | GenBank-Zugangsnummer: BC034494 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 150ul , Konzentration: 1500 µg/ml durch die Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): von26039 | CloneNo.: 3D5D10 |
| Wirt: Maus | Vollständiger Name: synovial sarcoma translocation gene on chromosome 18-like 1 | |
| Isotyp: IgG1 | Berechnete Masse: 396 aa, 43 kDa | |
| Immunogen Katalognummer: AG3119 | Beobachtete Masse: 50 kDa | |

Anwendungen

Geprüfte Anwendungen:
WB,ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

SS18-like 1(SS18L1) is a transcriptional activator that is required for calcium-dependent dendritic growth and branching in cortical neurons. It's also a nuclear protein interacts with CREB-binding protein and expressed in the developing brain. It helps regulate neuronal morphogenesis in calcium-dependent manner. The N-terminal domain of SS18L1 is required for suppressing transactivation in the basal state, while the C-terminal domain is required for calcium-induced transactivation. It's part 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. This complex also binds to the NR2B promoter, and activity-dependent induction of NR2B expression involves a release of HDAC1 and recruitment of CREBBP. The calculated molecular weight of CREST is about 43 kDa, but the modified of CREST protein is 55 kDa (PMID: 25888396).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

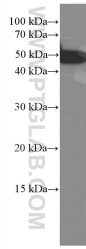
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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W: ptglab.com

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Ausgewählte Validierungsdaten



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 60314-1-Ig (CREST antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.