

Nur für Forschungszwecke

# STMN3 Monoklonaler Antikörper

Katalog-Nr.:66152-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66152-1-Ig	<b>GenBank-Zugangsnummer:</b> BC009381	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von50861 Nanodrop und 547 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 50861	<b>CloneNo.:</b> 1F12B1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> stathmin-like 3	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 21 kDa	
<b>Immunogen Katalognummer:</b> AG18844	<b>Beobachtete Masse:</b> 21 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB,ELISA	<b>Positivkontrollen:</b> WB : humanes Hirngewebe,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Stathmin family phosphoproteins participate in the control of microtubule dynamics and have been proposed to be involved in the control of neuronal differentiation. Neuron specific Stathmin-3 (STMN3) is a novel STAT3 (signal transducer and activator of transcription 3) interacting protein. STAT3 is a key contributor to cancer cell migration and invasion. STMN3 exhibits microtubule-destabilizing activity, which is antagonized by STAT3. SCG10 is a widely studied and recognized neuronal differentiation marker, STMN3 is a SCG10-like protein (SCLIP) and is present from the earliest stages of hippocampal neuron differentiation in culture at vesicle-like structures following dynamic microtubules. RNAi mediated inhibition of this gene resulted in increased axonal branching.

## 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**

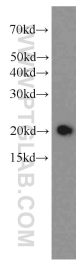
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## Ausgewählte Validierungsdaten



human brain tissue were subjected to SDS PAGE followed by western blot with 66152-1-Ig (STMN3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.