

Datasheet for ABIN6243305  
**anti-STMN2 antibody (N-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	STMN2
Binding Specificity:	AA 36-69, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STMN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This STMN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 36-69 amino acids from the N-terminal region of human STMN2.
Clone:	RB50923
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	STMN2
Alternative Name:	STMN2 ( <a href="#">STMN2 Products</a> )

## Target Details

Background:	Regulator of microtubule stability. When phosphorylated by MAPK8, stabilizes microtubules and consequently controls neurite length in cortical neurons. In the developing brain, negatively regulates the rate of exit from multipolar stage and retards radial migration from the ventricular zone (By similarity).
Molecular Weight:	20828
UniProt:	<a href="#">Q93045</a>

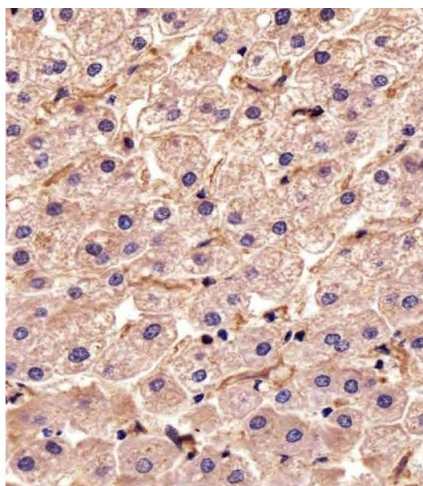
## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

## Handling

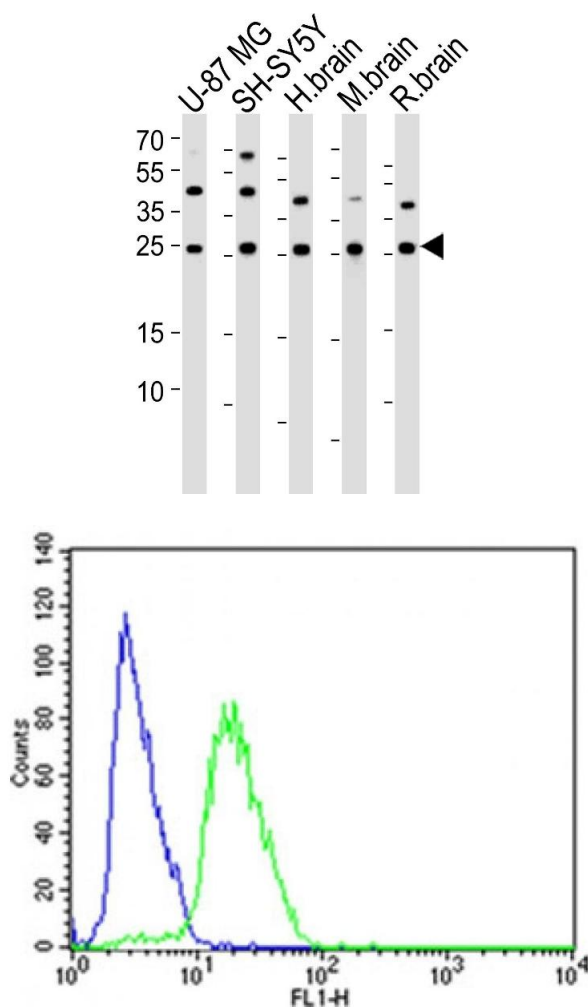
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffin-embedded H. liver section using STMN2 Antibody (N-term) (ABIN6243305 and ABIN6577588). (ABIN6243305 and ABIN6577588) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



### Western Blotting

**Image 2.** Western blot analysis of lysates from U-87 MG, SH-SY5Y cell line, human brain, mouse brain, rat brain tissue lysate (from left to right), using STMN2 Antibody (N-term) (ABIN6243305 and ABIN6577588). (ABIN6243305 and ABIN6577588) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

### Flow Cytometry

**Image 3.** Flow cytometric analysis of SH-SY5Y cells using STMN2 Antibody (N-term)(green, Cat(ABIN6243305 and ABIN6577588)) compared to an isotype control of rabbit IgG(blue). (ABIN6243305 and ABIN6577588) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.