

Datasheet for ABIN654146  
**anti-FUS antibody (C-Term)**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	FUS
Binding Specificity:	AA 499-526, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This FUS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 499-526 amino acids from the C-terminal region of human FUS.
Clone:	RB23928
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	FUS
---------	-----

## Target Details

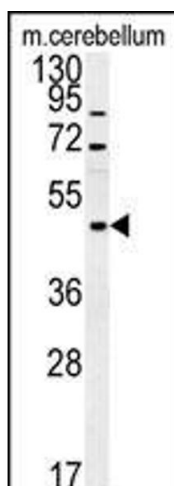
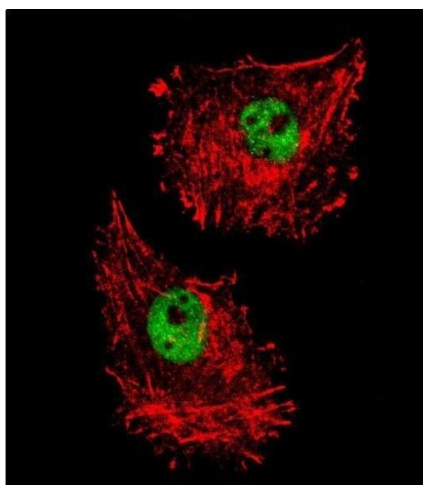
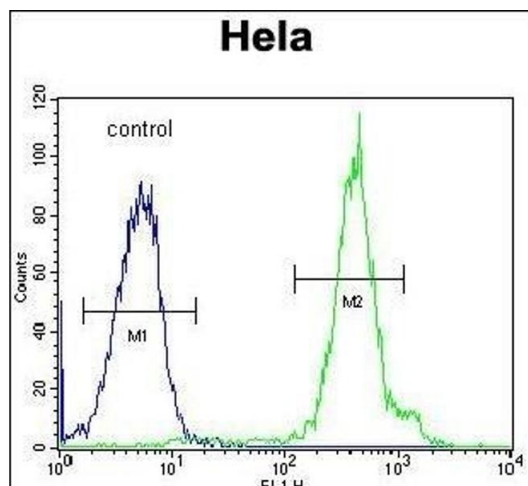
Alternative Name:	FUS ( <a href="#">FUS Products</a> )
Target Type:	Viral Protein
Background:	<p>This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing.</p> <p>Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6.</p>
Molecular Weight:	53426
Gene ID:	2521
NCBI Accession:	<a href="#">NP_001164105</a> , <a href="#">NP_004951</a>
UniProt:	<a href="#">P35637</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** FUS Antibody (C-term) (ABIN654146 and ABIN2844013) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of FUS Antibody (C-term) (ABIN654146 and ABIN2844013) with MDA-M cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).

### Western Blotting

**Image 3.** FUS Antibody (C-term) (ABIN654146 and ABIN2844013) western blot analysis in mouse cerebellum tissue lysates (15 µg/lane). This demonstrates the FUS antibody detected FUS protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN654146.