

## Product datasheet

# Anti-TUSC2/FUS1 antibody ab70182

[5 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-TUSC2/FUS1 antibody
<b>Description</b>	Rabbit polyclonal to TUSC2/FUS1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human TUSC2/FUS1 (internal sequence).
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
	Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab70182 in the following tested applications.

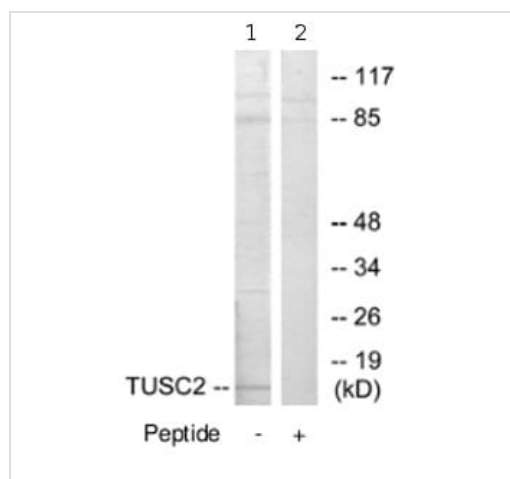
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately >19 kDa (predicted molecular weight: 12 kDa).

## Target

<b>Function</b>	May function as a tumor suppressor, inhibiting colony formation, causing G1 arrest and ultimately inducing apoptosis in homozygous 3p21.3 120-kb region-deficient cells.
<b>Tissue specificity</b>	Strong expression in heart, lung, skeletal muscle, kidney, and pancreas, followed by brain and liver, lowest levels in placenta.
<b>Sequence similarities</b>	Belongs to the TUSC2 family.
<b>Post-translational modifications</b>	Myristoylation is required for tumor suppressor activity.

## Images



Western blot - Anti-TUSC2/FUS1 antibody (ab70182)

**All lanes :** Anti-TUSC2/FUS1 antibody (ab70182) at 1/500 dilution

**Lane 1 :** HeLa cell extract

**Lane 2 :** HeLa cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 12 kDa

**Observed band size:** <19 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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