

**TUSC2 / FUS1 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2735a**Specification**

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**TUSC2 / FUS1 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">O75896</a>
Other Accession	<a href="#">NP_009206.1</a> , <a href="#">11334</a> , <a href="#">80385 (mouse)</a> , <a href="#">501052 (rat)</a>
Predicted Host	Human, Mouse, Rat
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	12074

**TUSC2 / FUS1 Antibody (internal region) - Additional Information**

**Gene ID** 11334

**Other Names**

Tumor suppressor candidate 2, Fusion 1 protein, Fus-1 protein, PDGFA-associated protein 2, TUSC2, C3orf11, FUS1, LGCC, PDAP2

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

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.

**Precautions**

TUSC2 / FUS1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**TUSC2 / FUS1 Antibody (internal region) - Protein Information**

**Name** TUSC2

**Synonyms** C3orf11, FUS1, LGCC, PDAP2

**Function**

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.

**Tissue Location**

Strong expression in heart, lung, skeletal muscle, kidney, and pancreas, followed by brain and liver, lowest levels in placenta

### **TUSC2 / FUS1 Antibody (interal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **TUSC2 / FUS1 Antibody (interal region) - Images**

### **TUSC2 / FUS1 Antibody (interal region) - References**

Synergistic tumor suppression by coexpression of FUS1 and p53 is associated with down-regulation of murine double minute-2 and activation of the apoptotic protease-activating factor 1-dependent apoptotic pathway in human non-small cell lung cancer cells Deng WG, Kawashima H, Wu G, Jayachandran G, Xu K, Minna JD, Roth JA, Ji L. Cancer Res. 2007 Jan 15;67(2):709-17. PMID: 17234782