



## TUSC2 Antibody

CATALOG NUMBER: 42-034

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: Antibody detection limit dilution 1:2000. Western Blot: Preliminary experiments in human muscle, heart and pancreas lysates gave no specific signal but low background (at antibody concentration up to 1 ug/mL).

**IMMUNOGEN:** TUSC2 antibody was raised against a 14 amino acid synthetic peptide near the interal region of TUSC2.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** TUSC2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** TUSC2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** PDGFA associated protein 2, PDAP2, PAP, C3orf11, tumor suppressor candidate 2, FUS1, TUSC2, LGCC

**ACCESSION NO.:** NP\_009206.1

**PROTEIN GI NO.:** 6005760

**OFFICIAL SYMBOL:** TUSC2

**GENE ID:** 11334

### Background

**REFERENCES:** 1) Deng WG, Kawashima H, Wu G, Jayachandran G, Xu K, Minna JD, Roth JA, Ji L. 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. Cancer Res. 2007 Jan 15;67(2):709-17.

**FOR RESEARCH USE ONLY**

December 13, 2016