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TUSC2 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8488b

Product Information

Application	WB, E
Primary Accession	O75896
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Clone Names	1550CT388.74.12
Calculated MW	12074

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
Target/Specificity	This TUSC2 antibody is generated from a mouse immunized with a recombinant protein of human TUSC2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TUSC2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

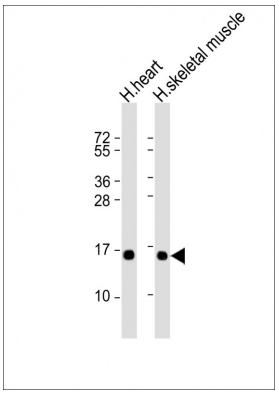
Background

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.

References

Kondo M.,et al.Oncogene 20:6258-6262(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Uno F.,et al.Cancer Res. 64:2969-2976(2004).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Images



All lanes : Anti-TUSC2 Antibody at 1:2000 dilution Lane 1: human heart lysate Lane 2: human skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.