

## TUSC2 Polyclonal Antibody

<b>Catalog No :</b>	YT4783
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TUSC2
<b>Gene Name :</b>	TUSC2
<b>Protein Name :</b>	Tumor suppressor candidate 2
<b>Human Gene Id :</b>	11334
<b>Human Swiss Prot No :</b>	O75896
<b>Mouse Gene Id :</b>	80385
<b>Mouse Swiss Prot No :</b>	Q9WVF8
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TUSC2. AA range:41-90
<b>Specificity :</b>	TUSC2 Polyclonal Antibody detects endogenous levels of TUSC2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 12kD

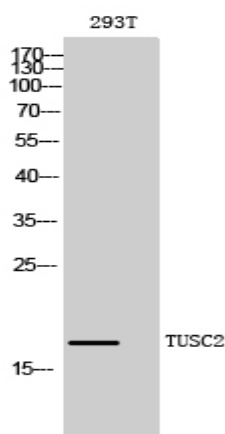
**Background :** This gene is a highly conserved lung cancer candidate gene. No other information about this gene is currently available. [provided by RefSeq, Jul 2008],

**Function :** 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.,PTM:Myristoylation is required for tumor suppressor activity.,similarity:Belongs to the TUSC2 family.,tissue specificity:Strong expression in heart, lung, skeletal muscle, kidney, and pancreas, followed by brain and liver, lowest levels in placenta.,

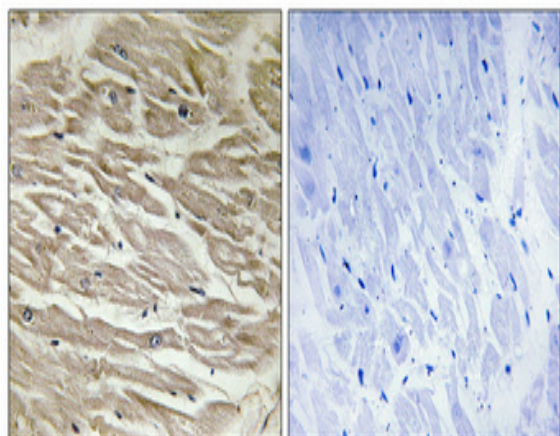
**Subcellular Location :** mitochondrion,

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

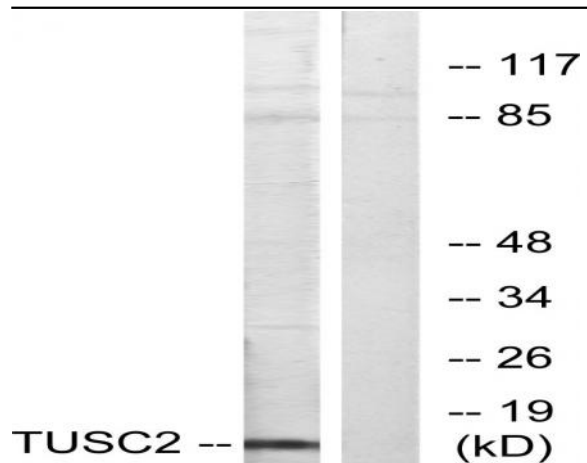
## Products Images



Western Blot analysis of 293T cells using TUSC2 Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human heart. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from HeLa cells, using TUSC2 Antibody. The lane on the right is blocked with the synthesized peptide.