

TUSC2 Polyclonal Antibody

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

Observed Band : 12kD

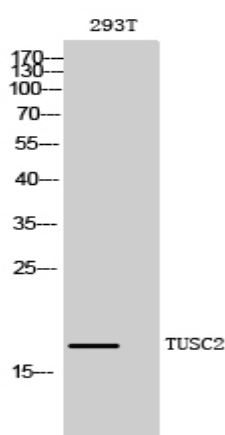
Background : This gene is a highly conserved lung cancer candidate gene. No other information about this gene is currently available. [provided by RefSeq, Jul 2008],

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.,

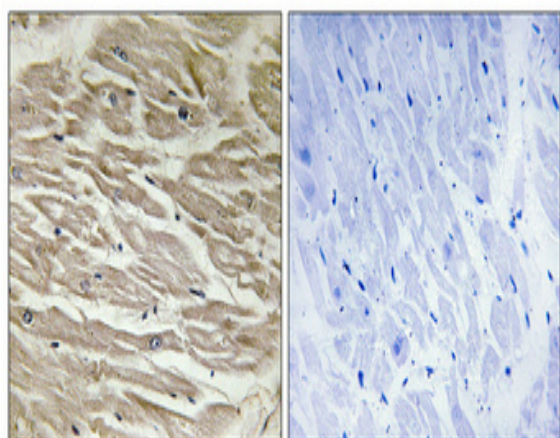
Subcellular Location : mitochondrion,

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

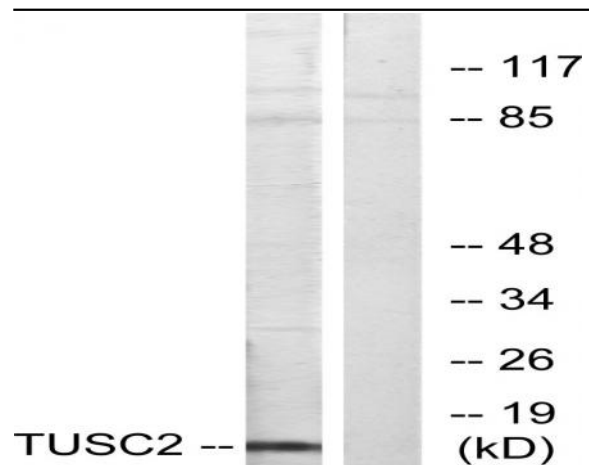
Products Images



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 contrl (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.