

For Research Use Only

TUSC1 Polyclonal antibody

Catalog Number: 31410-1-AP



Basic Information

Catalog Number: 31410-1-AP	GenBank Accession Number: NM_001004125.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 286319	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	UNIPROT ID: Q2TAM9	IHC 1:50-1:500
Isotype: IgG	Full Name: tumor suppressor candidate 1	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG35691	Calculated MW: 23kDa 212aa	
	Observed MW: 23 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human, Mouse, rat	WB : Calu-3 cells, HeLa cells, mouse testis tissue, rat testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue, rat testis tissue
	IF/ICC : HeLa cells,

Background Information

Tumor suppressor candidate 1 (TUSC1) is a novel intronless gene isolated from a region of homozygous deletion at D9S126 on chromosome 9p in human lung cancer (PMID: 23776618). TUSC1 has been suggested as a candidate tumor suppressor gene in several cancers (PMID: 28975488).

Storage

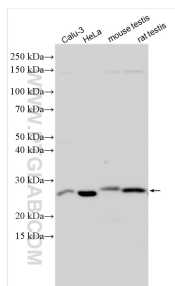
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

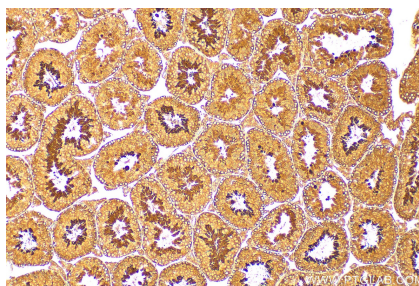
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

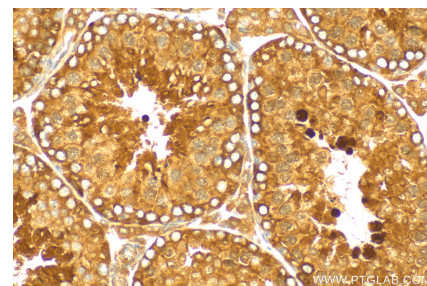
Selected Validation Data



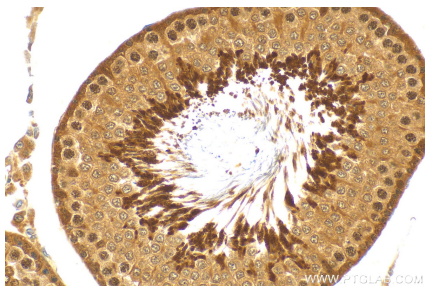
Various lysates were subjected to SDS PAGE followed by western blot with 31410-1-AP (TUSC1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



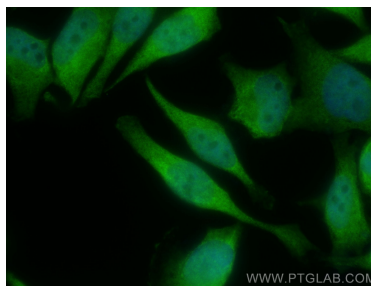
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31410-1-AP (TUSC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31410-1-AP (TUSC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 31410-1-AP (TUSC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TUSC1 antibody (31410-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).