

SERBP1 Polyclonal antibody

Catalog Number: 10729-1-AP **3 Publications**

Basic Information

Catalog Number: 10729-1-AP	GenBank Accession Number: BC008045	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 26135	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8NC51	
Isotype: IgG	Full Name: SERPINE1 mRNA binding protein 1	
Immunogen Catalog Number: AG1045	Calculated MW: 45 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA**Cited Applications:**
WB**Species Specificity:**
human, mouse**Cited Species:**
human**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0****Positive Controls:**

WB : mouse testis tissue,

IHC : human lung cancer tissue, human colon cancer tissue

IF : U2OS cells,

Background Information

The plasminogen activator system (PA) plays an important role in invasion and metastasis of solid tumors. The PA Inhibitor type 1 (PAI-1) is the main physiologic regulator of plasminogen activation. PAI-RBP1 (PAI-1 mRNA Binding Protein 1, also named SERBP1), is an RNA-binding protein containing an RG-rich domain and an RGG box domain that might be methylated by protein arginine N-methyltransferases (PRMTs). SERBP1 was identified as an interacting partner of a Tudor domain containing protein TDRD3, and can localize to cytoplasmic stress granules (SGs).

Notable Publications

Author	Pubmed ID	Journal	Application
Miao Li	30247605	J Clin Endocrinol Metab	WB
Tao Yang	37922310	Cell Rep	
Xiaolin Dong	36733342	Front Genet	WB

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

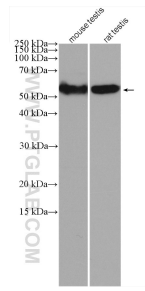
For technical support and original validation data for this product please contact:

T: 4006900926

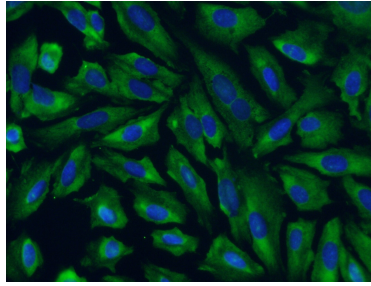
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

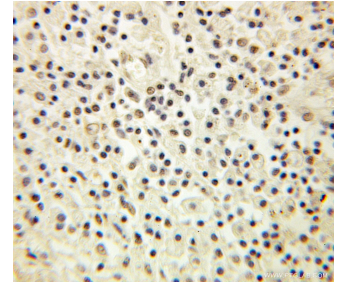
Selected Validation Data



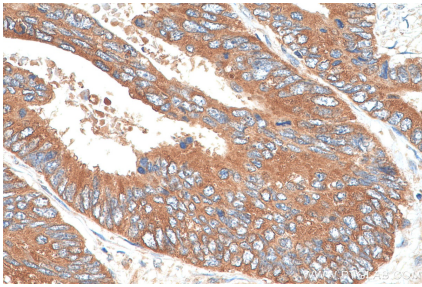
mouse testis tissue were subjected to SDS PAGE followed by western blot with 10729-1-AP (SERBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



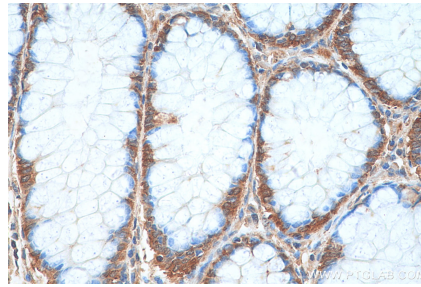
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 10729-1-AP (SERBP1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10729-1-AP (SERBP1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10729-1-AP (SERBP1 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 human colon cancer tissue slide using 10729-1-AP (SERBP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).