

For Research Use Only

SERBP1 Polyclonal antibody

Catalog Number: 10729-1-AP

3 Publications



Basic Information

Catalog Number:

10729-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1045

GenBank Accession Number:

BC008045

GeneID (NCBI):

26135

UNIPROT ID:

Q8NC51

Full Name:

SERPINE1 mRNA binding protein 1

Calculated MW:

45 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, 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/ICC : 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:

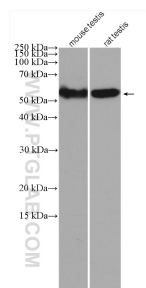
T: 4006900926

E: Proteintech-CN@ptglab.com

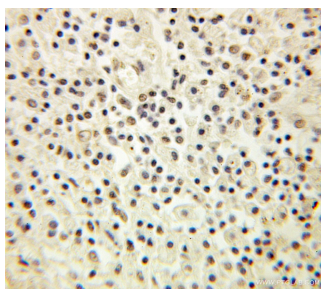
W: ptgcn.com

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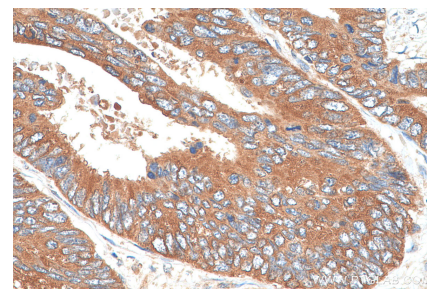
Selected Validation Data



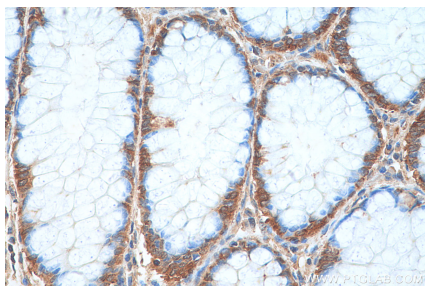
mouse testis tissue were subjected to SDS PAGE followed by western blot with 10729-1-AP (SERBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



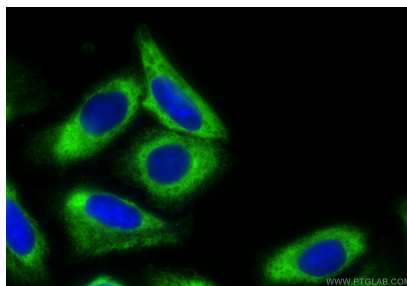
Immunohistochemical analysis of paraffin-embedded human lung cancer using 10729-1-AP (SERBP1 antibody) at dilution of 1:100 (under 10x lens).



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using SERBP1 antibody (10729-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).