

For Research Use Only

RSL1D1 Polyclonal antibody

Catalog Number: 27667-1-AP



Basic Information

Catalog Number: 27667-1-AP	GenBank Accession Number: BC112228	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 26156	Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: O76021	
Isotype: IgG	Full Name: ribosomal L1 domain containing 1	
Immunogen Catalog Number: AG24923	Calculated MW: 490 aa, 55 kDa	
	Observed MW: 55-70 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, mouse

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 : U-251 cells, HCT 116 cells, HEK-293 cells, SW480 cells, K-562 cells, HepG2 cells, PC-3 cells

IHC : mouse colon tissue,

Background Information

RL1D1, Ribosomal L1 domain-containing protein 1, also named CSIG, a member of the universal ribosomal protein uL1 family. RL1D1 regulates cellular senescence through inhibition of PTEN translation. It acts as a pro-apoptotic regulator in response to DNA damage (PMID: 18678645, PMID: 22419112). RSL1D1 promoted the progression of colorectal cancer through RAN-mediated autophagy suppression. RSL1D1 can be detected 70 kDa (PMID:35013134).

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:

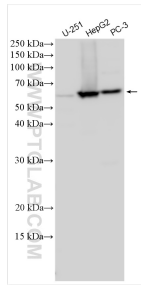
T: 4006900926

E: Proteintech-CN@ptglab.com

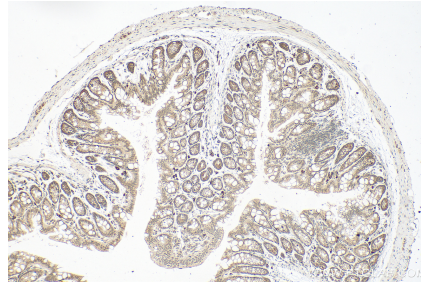
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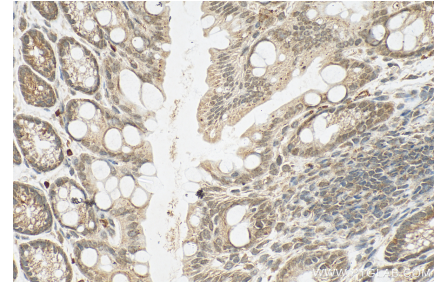
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27667-1-AP (RSL1D1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 27667-1-AP (RSL1D1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 27667-1-AP (RSL1D1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).