

For Research Use Only

SPPL2A Polyclonal antibody

Catalog Number: 13255-1-AP



Basic Information

Catalog Number: 13255-1-AP	GenBank Accession Number: BC025740	Purification Method: Antigen affinity purification
Size: 280 µg/ml	GeneID (NCBI): 84888	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q8TCT8	
Isotype: IgG	Full Name: signal peptide peptidase-like 2A	
Immunogen Catalog Number: AG3935	Calculated MW: 520 aa, 58 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : human colon tissue, Jurkat cells, mouse colon tissue

IHC : human testis tissue, human kidney tissue

Background Information

SPPL2A (Signal peptide peptidase-like 2A) is also named as IMP3 (Intramembrane protease 3), PSL2 (Presenilin-like protein 2) and belongs to the peptidase A22B family. It is an aspartyl intramembrane protease, has been implicated in the proteolysis of TNF-alpha, Fas Ligand and Bri2 and endogenous signal-peptide-peptidase-like2A (SPPL2a) is localised in lysosomes/late endosomes (PMID:21896273). This protein has a signal peptide with 25 amino acid and seven glycosylation sites.

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:

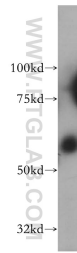
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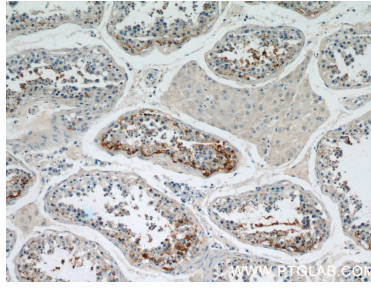
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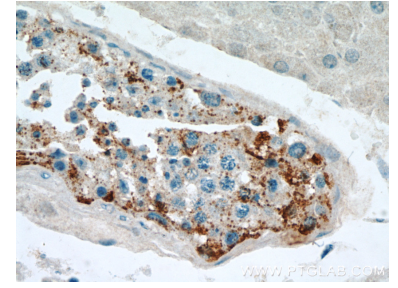
Selected Validation Data



human colon tissue were subjected to SDS PAGE followed by western blot with 13255-1-AP (SPPL2A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 13255-1-AP (SPPL2A antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 13255-1-AP (SPPL2A antibody) at dilution of 1:50 (under 40x lens).