

For Research Use Only

SEL1L Polyclonal antibody, PBS Only

Catalog Number: 29801-1-PBS



Basic Information

Catalog Number:

29801-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32178

GenBank Accession Number:

NM_005065

GeneID (NCBI):

6400

UNIPROT ID:

Q9UBV2

Full Name:

sel-1 suppressor of lin-12-like (C. elegans)

Calculated MW:

89 kDa

Observed MW:

89 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

SEL1L (Suppressor Enhancer Lin-12 Like) is an endoplasmic reticulum-resident transmembrane protein that plays a critical role in collagen metabolism. It has been identified as an intracellular rheostat controlling collagen turnover, which is the balance between collagen synthesis and degradation. The protein's luminal face contains a Fibronectin-2 (FN2) domain, which is known to bind collagen. SEL1L functions as a sensor of collagen biosynthesis and is necessary for the upregulation of MRC2 (mannose receptor, C-type 2), a collagen endocytic receptor that mediates the clearance of collagen.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

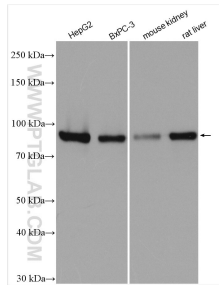
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

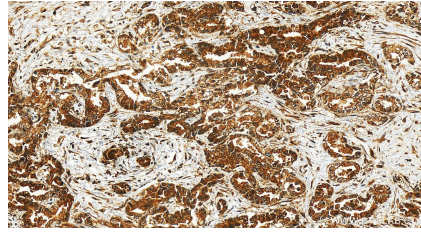
E: proteintech@ptglab.com
W: ptglab.com

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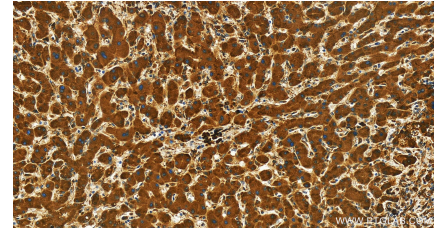
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29801-1-AP (SEL1L antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29801-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 29801-1-AP (SEL1L antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29801-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 29801-1-AP (SEL1L antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29801-1-PBS in a different storage buffer formulation.