

For Research Use Only

LASS2 Polyclonal antibody

Catalog Number: 30183-1-AP

Featured Product



Basic Information

Catalog Number:

30183-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32769

GenBank Accession Number:

BC010032

GeneID (NCBI):

29956

UNIPROT ID:

Q96G23

Full Name:

LAG1 homolog, ceramide synthase 2

Calculated MW:

380 aa, 45 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, 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: HeLa cells, HepG2 cells, mouse liver tissue, rat liver tissue

IHC: human intrahepatic cholangiocarcinoma tissue,

Background Information

LASS2, also known as TMSG1, is a novel suppressor of human cancer metastasis. As one member of LASS family, including LASS1-6, LASS2 mRNA is at the highest level of all LASS members, and has the broadest tissue distribution, particularly abundant in the liver, kidney and brain in mice. The biological roles of LASS2 include protection from aging, hepatic INS resistance, and hepatocellular carcinoma (HCC) progression. LASS2 has been correlated with the degree of invasion and recurrence of carcinomas of the prostate, liver, breast and bladder.

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

***** 20ul sizes contain 0.1% BSA**

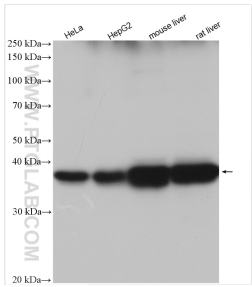
For technical support and original validation data for this product please contact:

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

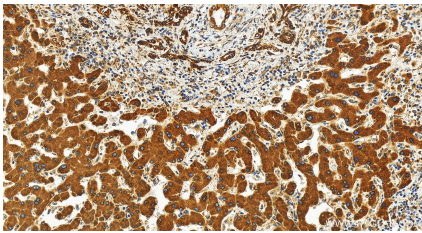
E: proteintech@ptglab.com
W: ptglab.com

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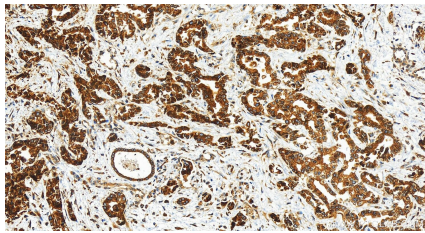
Selected Validation Data



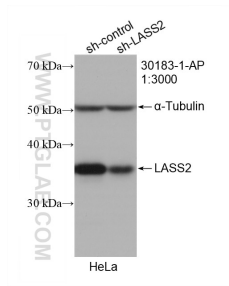
Various lysates were subjected to SDS PAGE followed by western blot with 30183-1-AP (LASS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 30183-1-AP (LASS2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 30183-1-AP (LASS2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of LASS2 antibody (30183-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LASS2 transfected HeLa cells.