For Research Use Only

LASS2 Recombinant antibody

Catalog Number:84514-4-RR

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84514-4-RR

Size:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14151

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:
40 kDa

Purification Method:
Protein A purfication

CloneNo.:
241898E11

Recommended Dilutions:
WB 1:2000-1:16000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293T cells, MCF-7 cells, K-562 cells

Background Information

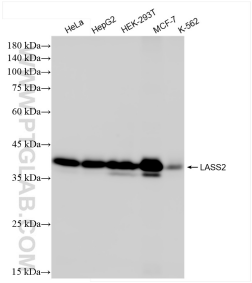
LASS2, also known as TMSG1, is a novel suppressor of human cancer metastasis. As one member of LASS family, including LASS1-6, LASS2 mRNA is at the highest level of all LASS members, and has the broadest tissue distribution, particularly abundant in the liver, kidney and brain in mice. The biological 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

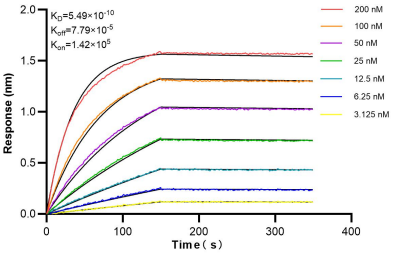
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84514-4-RR (LASS2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84514-4-RR against Human LASS2 were performed. The affinity constant is 0.549 nM.