

Lass2. Rabbit Polyclonal Antibody , Human

LAG1 longevity assurance homolog 2, Tumor metastasis-suppressor gene 1 protein, SP260

BACKGROUND

LASS2, a human homologue of the yeast longevity assurance gene LAG1 is highly expressed in liver and kidney as compared to the expression of the human LAG1 homologue LAG1Hs-1. LASS2 is located on chromosome 1q11. The LASS2 protein interacts with several membrane-associated receptors or transporters. LASS2 protein inhibits the colony formation of human hepatoma cells in vitro, which suggests that this gene may be involved in the regulation of cell growth.

ORDERING INFORMATION

CATALOG NUMBER
X2309P

SIZE
100 µg

FORM
Unconjugated

HOST/CLONE
Rabbit

FORMULATION
Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION
1 mg/ml

ISOTYPE

APPLICATIONS
Western blot

IMMUNOGEN

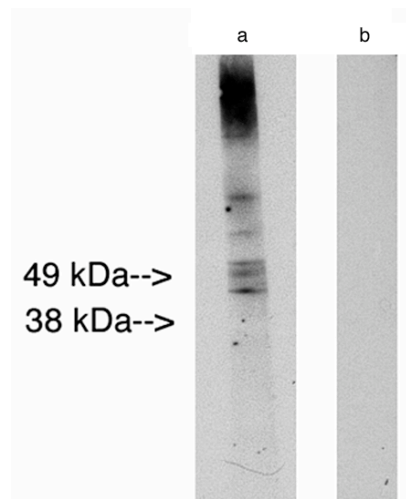
Synthetic peptide derived from human Lass2 protein

SPECIES REACTIVITY

Human

Legend:

Western blot analysis using LAG1 longevity assurance homolog 2 (Cat. # X2307P) at 10ug/ml on human placenta lysate (Cat. # X1635C) 14 ug/lane. Lane A] antibody alone, Lane B] conjugate alone. Visualized using Pierce West Femto substrate system. Anti Rabbit secondary used at 1:10K dilution (Cat. # X1207M). Exposure for 5 minutes



For research use only. Not for use in human diagnostics or therapeutics.

POSITIVE CONTROL/TISSUE EXPRESSION

liver and kidney

COMMENTS

Antibody can be used for Western blotting (1-5 µg/ml starting dilution). Optimal concentration should be evaluated by serial dilutions.

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

- 1: Becker I, Wang-Eckhardt L, Yaghootfam A, Gieselmann V, Eckhardt M. Differential expression of (dihydro)ceramide synthases in mouse brain: oligodendrocyte-specific expression of CerS2/Lass2. *Histochem Cell Biol.* 2008 Feb;129(2):233-41. Epub 2007 Sep 28.
- 2: Wang X, Carré W, Saxton AM, Cogburn LA. Manipulation of thyroid status and/or GH injection alters hepatic gene expression in the juvenile chicken. *Cytogenet Genome Res.* 2007;117(1-4):174-88.
- 3: Senkal CE, Ponnusamy S, Rossi MJ, Bialewski J, Sinha D, Jiang JC, Jazwinski SM, Hannun YA, Ogretmen B. Role of human longevity assurance gene 1 and C18-ceramide in chemotherapy-induced cell death in human head and neck squamous cell carcinomas. *Mol Cancer Ther.* 2007 Feb;6(2):712-22.
- 4: Yu Y, Lu H, Pan H, Ma JH, Ding ZJ, Li YY. Expression of LASS2 controlled by LAG1 or ADH1 promoters cannot functionally complement Lag1p. *Microbiol Res.* 2006;161(3):203-11. Epub 2005 Sep 22.

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