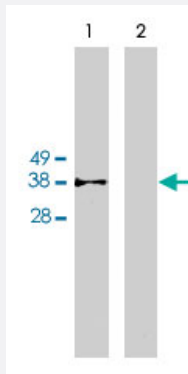


LASS6 polyclonal antibody

Catalog # PAB10112 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis using LASS6 polyclonal antibody (Cat # PAB10112) at 6 ug/mL on human duodenum lysate 14 ug/lane. Lane 1, antibody alone. Lane 2, antibody plus 50 ug blocking peptide.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LASS6.
Immunogen	A synthetic peptide of human LASS6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western blot (5 to 7 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — LASS6

Entrez GeneID	253782
Gene Name	LASS6
Gene Alias	CerS6, MGC129949, MGC129950
Gene Description	LAG1 homolog, ceramide synthase 6
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	LAG1 longevity assurance homolog 6 longevity assurance homolog 6

Publication Reference

- [Inactivation of ceramide synthase 6 in mice results in an altered sphingolipid metabolism and behavioral abnormalities.](#)

Ebel P, Vom Dorp K, Petrasch-Parwez E, Zlomuzica A, Kinugawa K, Mariani J, Minich D, Ginkel C, Welcker J, Degen J, Eckhardt M, Dere E, Dormann P, Willecke K.

The Journal of Biological Chemistry 2013 Jul; 288(29):21433.

Application: WB-Ce, WB-Ti, Human, Mouse, HEK 293, Thymus, Small intestine, Large intestine, Kidney, Forebrain, Cerebellum

- [LASS3 \(longevity assurance homologue 3\) is a mainly testis-specific \(dihydro\)ceramide synthase with relatively broad substrate specificity.](#)

Mizutani Y, Kihara A, Igarashi Y.

The Biochemical Journal 2006 Sep; 398(3):531.

- [The CLN9 protein, a regulator of dihydroceramide synthase.](#)

Schulz A, Mousallem T, Venkataramani M, Persaud-Sawin DA, Zucker A, Luberto C, Bielawska A, Bielawski J, Holthuis JC, Jazwinski SM, Kozhaya L, Dbaibo GS, Boustany RM.

The Journal of Biological Chemistry 2006 Feb; 281(5):2784.

- [LASS6, an additional member of the longevity assurance gene family.](#)

Weinmann A, Galle PR, Teufel A.

International Journal of Molecular Medicine 2005 Nov; 16(5):905.

Disease

- [Tobacco Use Disorder](#)