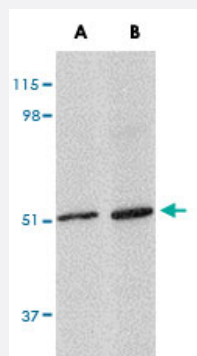


LASS5 polyclonal antibody

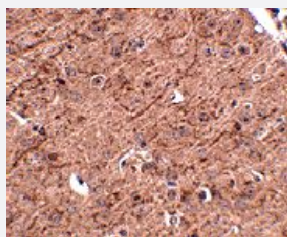
Catalog # PAB16607 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of LASS5 in SK-N-SH cell lysate with LASS5 polyclonal antibody (Cat # PAB16607) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemistry of LASS5 in mouse brain tissue with LASS5 polyclonal antibody (Cat # PAB16607) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LASS5.
Immunogen	A synthetic peptide corresponding to N-terminus 14 amino acids of human LASS5.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of LASS5 in SK-N-SH cell lysate with LASS5 polyclonal antibody (Cat # PAB16607) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemistry of LASS5 in mouse brain tissue with LASS5 polyclonal antibody (Cat # PAB16607) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LASS5

Entrez GeneID	91012
Protein Accession#	NP_671723
Gene Name	LASS5
Gene Alias	CerS5, FLJ25304, MGC45411, Trh4
Gene Description	LAG1 homolog, ceramide synthase 5
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	LAG1 longevity assurance homolog 5

Publication Reference

- [LASS5 is a bona fide dihydroceramide synthase that selectively utilizes palmitoyl-CoA as acyl donor.](#)

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- [LASS5 is the predominant ceramide synthase isoform involved in de novo sphingolipid synthesis in lung epithelia.](#)

Xu Z, Zhou J, McCoy DM, Mallampalli RK.

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- [Coexpression of junctophilin type 3 and type 4 in brain.](#)

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Brain Research. Molecular Brain Research 2003 Oct; 118(1-2):102.