

Rabbit LASS6 Polyclonal Antibody | anti-LASS6 antibody

LASS6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39724	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

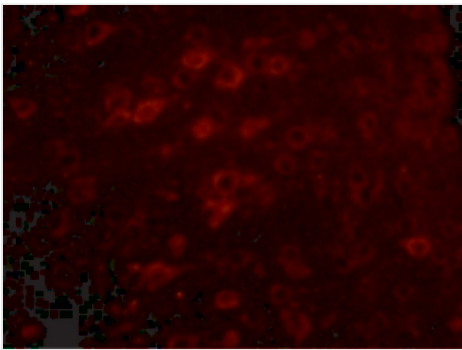
PRODUCT SYNONYMS

LASS6; Polyclonal Antibody; LASS6 Antibody; CERS5; Ceramide synthase 6; LAG1 longevity assurance homolog 6; CerS6; LAG1 homolog; ceramide synthase 6; anti-LASS6 antibody

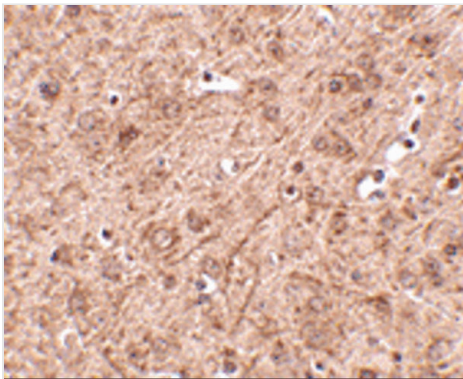
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of LASS6 are known to exist. This antibody is predicted not to cross-react with LASS5.
Purity/Purification	LASS6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	392
Applicable Applications for anti-LASS6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LASS6 antibody was raised against a 13 amino acid synthetic peptide near the amino terminus of the human LASS6.
Buffer	LASS6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

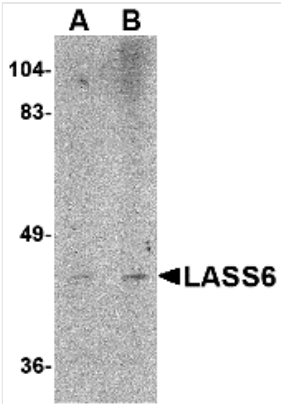
IMAGES



IF (Immunofluorescence)
Immunofluorescence of LASS6 in Mouse Brain cells with LASS6 antibody at 5 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of LASS6 in mouse brain tissue with LASS6 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of LASS6 in rat brain tissue lysate with LASS6 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LASS6 antibody	LASS6 Antibody: The LASS (longevity assurance homolog) family members represent a subgroup of the homeobox gene family and are highly conserved from yeasts to mammals. Six members of this family of proteins have been characterized (LASS1-6) and all are involved in ceramide synthesis during cell growth regulation and cancer differentiation. Like the highly homologous LASS5, LASS6 is also an endoplasmic reticulum, multi-pass membrane protein. LASS6 is also involved in the synthesis of C14, C16 and C18-ceramide, but shows a preference for unsaturated fatty acids. LASS6 is broadly expressed in a wide range of tissues and microarray data suggests that it may play a role in cancer differentiation and early embryonic development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	80478334
NCBI GeneID	253782
UniProt Accession #	Q6ZMG9; Q32M63; Q8N617
Molecular Weight	45,794 Da
NCBI Official Full Name	LASS6 protein
NCBI Official Synonym Full Names	ceramide synthase 6
NCBI Official Symbol	CERS6
NCBI Official Synonym Symbols	CERS5; LASS6

NCBI Protein Information	ceramide synthase 6; longevity assurance homolog 6; LAG1 homolog, ceramide synthase 6
UniProt Protein Name	Ceramide synthase 6
UniProt Gene Name	CERS6
UniProt Synonym Gene Names	LASS6; CerS6
UniProt Entry Name	CERS6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lass6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39724>