

Rabbit LASS2 Polyclonal Antibody | anti-CERS2 antibody

LASS2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198501	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

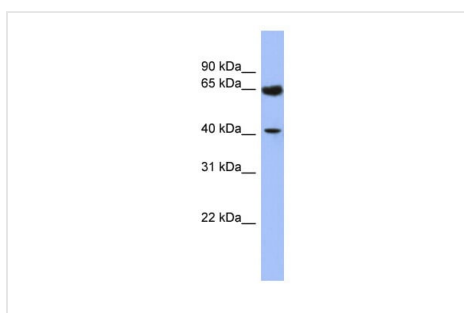
PRODUCT SYNONYMS

LASS2; Polyclonal Antibody; LASS2 antibody - N-terminal region; anti-CERS2 antibody

PRODUCT SPECIFICATIONS

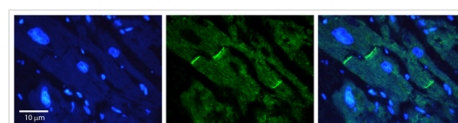
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ML QTLYDYFWWE RLWLPVNLTW ADLEDRDGRV YAKASDLYIT LPLALLFL
Sequence Length	380
Applicable Applications for anti-CERS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LASS2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LASS2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human kidney



IHC (Immunohistochemistry)

Rabbit Anti-CERS2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Plasma membrane in intercalated disk
Primary Antibody Concentration: 1:1000
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CERS2 antibody	This is a rabbit polyclonal antibody against LASS2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: LASS2 is a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth.
Product Categories/Family for anti-CERS2 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Membrane Protein ; Drugs and Drug Metabolism ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455256
NCBI GeneID	29956
NCBI Accession #	NP_859530
NCBI GenBank Nucleotide #	NM_181746
UniProt Accession #	Q96G23
Molecular Weight	45kDa
NCBI Official Full Name	ceramide synthase 2
NCBI Official Synonym Full Names	ceramide synthase 2
NCBI Official Symbol	CERS2
NCBI Official Synonym Symbols	L3; LASS2; SP260; TMSG1
NCBI Protein Information	ceramide synthase 2
UniProt Protein Name	Ceramide synthase 2
UniProt Gene Name	CERS2
UniProt Synonym Gene Names	LASS2; TMSG1; CerS2
UniProt Entry Name	CERS2_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://www.aaabiotech.com/polyclonal/lass2-antibody-immunohistochemistry-western-blot-elisa/198501>