CERS6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CERS6, Polyclonal Antibody
Full Product Name	CERS6 rabbit pAb
Product Gene Name	anti-CERS6 antibody
Product Synonym Gene Name	CERS6; LASS6
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	45,794 Da
OMIM	615336
3D Structure	ModBase 3D Structure for Q6ZMG9
Product Categories/Family for anti-CERS6 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CERS6 antibody	Western Blot (WB)
Application Notes for anti-CERS6 antibody	WB: 1:1000-2000
Related Product Information for anti-CERS6 antibody	MBS8599583 is an antibody targeting CERS6. Also known as CERS6 rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CERS6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CERS6. It may not necessarily be applicable to this product.

NCBI GI #	80478334
NCBI GeneID	253782
NCBI Accession #	AAI09285
UniProt Primary Accession #	Q6ZMG9
UniProt Secondary Accession #	Q32M63; Q8N617
UniProt Related Accession #	Q6ZMG9

NCBI Official Full Name	LASS6 protein
NCBI Official Synonym Full Names	ceramide synthase 6
NCBI Official Symbol	CERS6
NCBI Official Synonym Symbols	CERS5; LASS6
UniProt Protein Name	Ceramide synthase 6
UniProt Synonym Protein Names	LAG1 longevity assurance homolog 6
Protein Family	Ceramide synthase
UniProt Gene Name	CERS6
UniProt Synonym Gene Names	LASS6; CerS6
UniProt Entry Name	CERS6_HUMAN
NCBI Protein Information	ceramide synthase 6; longevity assurance homolog 6; LAG1 homolog, ceramide synthase 6
UniProt Comments for CERS6	LASS6: May be involved in sphingolipid synthesis or its regulation. Protein type: DNA-binding; Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 2q24.3 Cellular Component: endoplasmic reticulum membrane; nuclear membrane; membrane; endoplasmic reticulum; integral to membrane Molecular Function: DNA binding; sphingosine N-acyltransferase activity Biological Process: sphingolipid metabolic process; sphingolipid biosynthetic process; ceramide biosynthetic process
Research Articles on CERS6	**1.** Co-expression of CerS2 with CerS4/CerS6 reversed the inhibitory effect of long chain ceramides on cell proliferation and the induction of apoptosis. we detected no effect on cell proliferation.
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