

Rabbit anti-Human, Mouse CERS3 Polyclonal Antibody | anti-CERS3 antibody

CERS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234658	Rabbit	Human, Mouse	Western Blot, ELISA

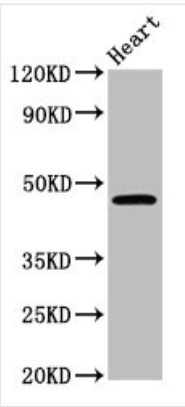
PRODUCT SYNONYMS

CERS3; Polyclonal Antibody; CERS3 Antibody; Ceramide synthase 3; CerS3; Dihydroceramide synthase 3; LAG1 longevity assurance homolog 3; LASS3; anti-CERS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	394
Applicable Applications for anti-CERS3 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Human Ceramide synthase 3 protein (59-134AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	CERS3
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in: Mouse heart tissueAll lanes: CERS3 antibody at 3.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 47 KDaObserved band size: 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CERS3 antibody	Has (dihydro)ceramide synthesis activity with relatively broad substrate specificity, but a preference for C18:0 and other middle- to long-chain fatty acyl-CoAs (By similarity). It is crucial for the synthesis of very long-chain ceramides in the epidermis, to maintain epidermal lipid homeostasis and terminal differentiation.
Product Categories/Family for anti-CERS3 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140617
NCBI GeneID	204219
NCBI Accession #	NP_001277270.1
NCBI GenBank Nucleotide #	NM_001290341.2
UniProt Accession #	Q8IU89; Q8NE64; Q8NEN6
Molecular Weight	46,316 Da
NCBI Official Full Name	ceramide synthase 3 isoform 1
NCBI Official Synonym Full Names	ceramide synthase 3
NCBI Official Symbol	CERS3
NCBI Official Synonym Symbols	ARCI9; LASS3
NCBI Protein Information	ceramide synthase 3
UniProt Protein Name	Ceramide synthase 3
UniProt Gene Name	CERS3
UniProt Synonym Gene Names	LASS3; CerS3

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.