

Rabbit anti-Human CERS5 Polyclonal Antibody | anti-CERS5 antibody

CERS5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233906	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

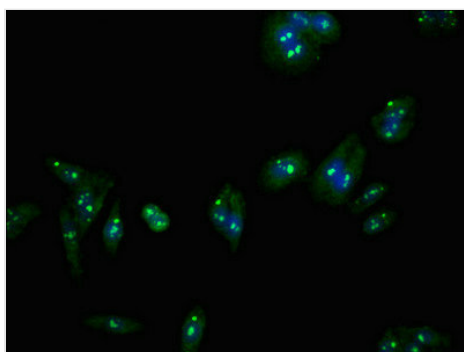
PRODUCT SYNONYMS

CERS5; Polyclonal Antibody; CERS5 Antibody; Ceramide synthase 5; CerS5; LAG1 longevity assurance homolog 5; LASS5; anti-CERS5 antibody

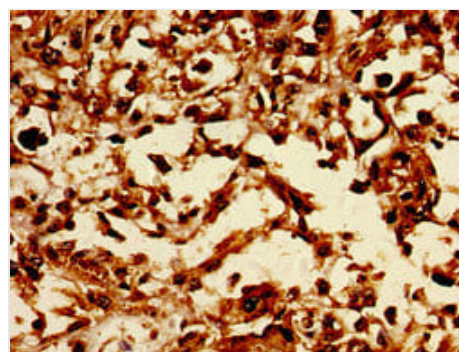
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	334
Applicable Applications for anti-CERS5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Ceramide synthase 5 protein (332-392AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

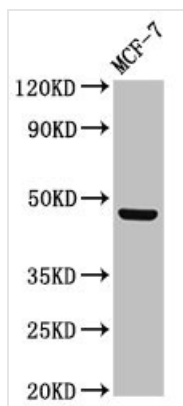
IMAGES


IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA233906 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA233906 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysateAll lanes: CERS5 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 46, 40 KDaObserved band size: 46 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CERS5 antibody	Dihydroceramide synthase. Catalyzes the acylation of sphingosine to form dihydroceramide, with high selectivity toward palmitoyl-CoA as acyl donor compared to stearoyl-CoA. Inhibited by fumonisins B1 (By similarity).
Product Categories/Family for anti-CERS5 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	528881078
NCBI GeneID	91012
NCBI Accession #	NP_001268660.1
NCBI GenBank Nucleotide #	NM_001281731.1
UniProt Accession #	Q8N5B7; B4DV54
Molecular Weight	39,259 Da
NCBI Official Full Name	ceramide synthase 5 isoform 2
NCBI Official Synonym Full Names	ceramide synthase 5
NCBI Official Symbol	CERS5
NCBI Official Synonym Symbols	Trh4; LASS5
NCBI Protein Information	ceramide synthase 5
UniProt Protein Name	Ceramide synthase 5
UniProt Gene Name	CERS5
UniProt Synonym Gene Names	LASS5; CerS5

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/cers5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233906>