

Rabbit CERS4 Polyclonal Antibody | anti-CERS4 antibody

CERS4 Polyclonal Antibody

CATALOG # AAA170356	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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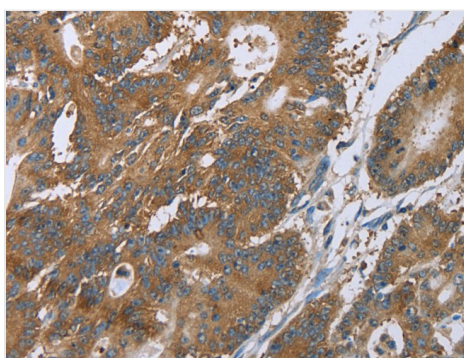
PRODUCT SYNONYMS

CERS4; Polyclonal Antibody; CERS4 Polyclonal Antibody; Trh1; LASS4; anti-CERS4 antibody

PRODUCT SPECIFICATIONS

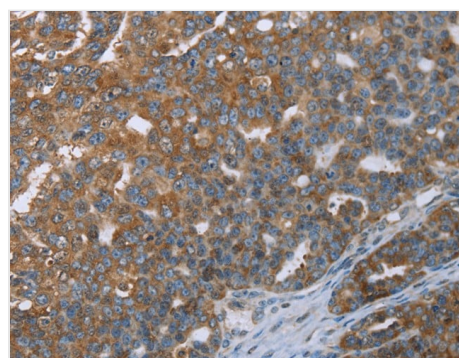
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.5mg/mL (varies by lot)
Sequence Length	394
Applicable Applications for anti-CERS4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human CERS4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using CERS4 Polyclonal Antibody at dilution 1:35



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CERS4 Polyclonal Antibody at dilution 1:35

ADDITIONAL INFORMATION

Related Product Information for anti-CERS4 antibody	The LASS (longevity assurance homolog) family members are highly conserved from yeasts to mammals. Six members of this family of proteins have been characterized (LASS1, LASS2, LASS3, LASS4, LASS5 and LASS6) and they are all involved in sphingolipid synthesis. LASS4 is a 394 amino acid endoplasmic reticulum, multi-pass membrane protein. LASS4 increases the levels of long ceramides such as C22:0- and C24:0-ceramides. In cells deficient for CLN9, as observed in neuronal ceroid lipofuscinosis (NCL) or Batten disease, LASS4 can increase ceramide levels and partially correct growth and apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205360977
NCBI GeneID	79603
NCBI Accession #	NP_078828.2
NCBI GenBank Nucleotide #	NM_024552.2
Molecular Weight	46,399 Da
NCBI Official Full Name	ceramide synthase 4
NCBI Official Synonym Full Names	ceramide synthase 4
NCBI Official Symbol	CERS4
NCBI Official Synonym Symbols	Trh1; LASS4
NCBI Protein Information	ceramide synthase 4; LAG1 homolog, ceramide synthase 4; LAG1 longevity assurance homolog 4
UniProt Protein Name	Ceramide synthase 4
UniProt Gene Name	CERS4
UniProt Synonym Gene Names	LASS4; CerS4
UniProt Entry Name	CERS4_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/cers4-antibody-immunohistochemistry-elisa/170356>