

Rabbit anti-Human, Mouse CERS1 Polyclonal Antibody | anti-CERS1 antibody

CERS1 Polyclonal Antibody

CATALOG # AAA22005	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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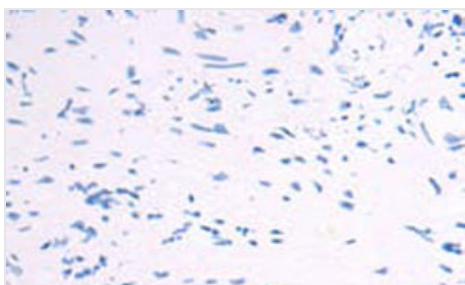
PRODUCT SYNONYMS

CERS1; Polyclonal Antibody; CERS1 Polyclonal Antibody; LAG1; UOG1; LASS1; anti-CERS1 antibody

PRODUCT SPECIFICATIONS

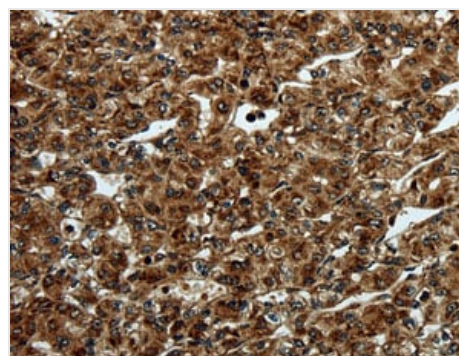
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, PH7.3
Applicable Applications for anti-CERS1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB 1:500-1:2000 IHC 1:50-1:200 Note: Centrifuge before opening to ensure complete recovery of vial contents.
Immunogen	Synthetic peptide of human CERS1
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



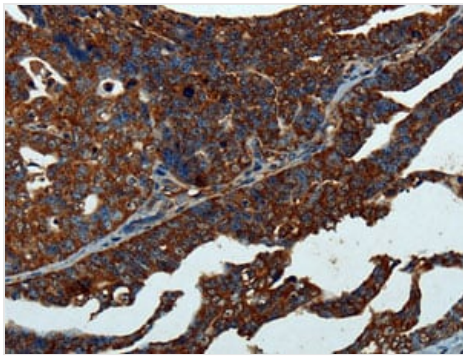
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CERS1 Polyclonal Antibody at dilution of 1:50

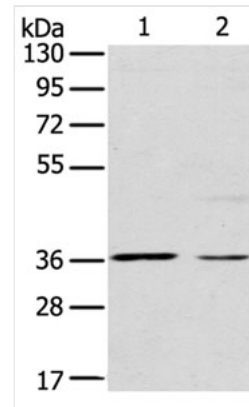


IHC (Immunohistochemistry)

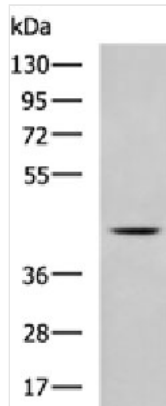
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CERS1 Polyclonal Antibody at dilution of 1:20(×200)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer using CERS1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)
Western Blot analysis of Hepg2 and hela cell using CERS1 Polyclonal Antibody at dilution of 1:200



WB (Western Blot)
Western Blot analysis of A172 cell lysate using CERS1 Polyclonal Antibody at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-CERS1 antibody

This gene encodes a ceramide synthase enzyme, which catalyzes the synthesis of ceramide, the hydrophobic moiety of sphingolipids. The encoded enzyme synthesizes 18-carbon (C18) ceramide in brain neurons. Elevated expression of this gene may be associated with increased longevity, while decreased expression of this gene may be associated with myoclonus epilepsy with dementia in human patients. This protein is transcribed from a monocistronic mRNA as well as a bicistronic mRNA, which also encodes growth differentiation factor 1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140567
NCBI GeneID	10715
NCBI Accession #	NP_067090
NCBI GenBank Nucleotide #	NM_001290265.1
UniProt Accession #	P27544
Molecular Weight	40 kDa
NCBI Official Full Name	ceramide synthase 1 isoform 3
NCBI Official Synonym Full Names	ceramide synthase 1
NCBI Official Symbol	CERS1
NCBI Official Synonym Symbols	LAG1; UOG1; LASS1

NCBI Protein Information	ceramide synthase 1; longevity assurance (LAG1, <i>S. cerevisiae</i>) homolog 1; longevity assurance gene 1 protein homolog 1; protein UOG-1; upstream of GDF1
UniProt Protein Name	Ceramide synthase 1
UniProt Gene Name	CERS1
UniProt Synonym Gene Names	LAG1; LASS1; UOG1; CerS1
UniProt Entry Name	CERS1_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/cers1-antibody-western-blot-immunohistochemistry-elisa/22005>