

## Rabbit anti-Human CERS4 Polyclonal Antibody | anti-CERS4 antibody

CERS4 Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA168037</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

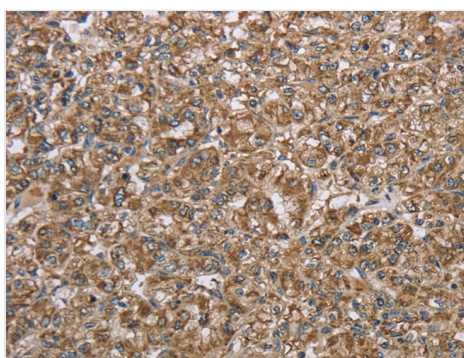
### PRODUCT SYNONYMS

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

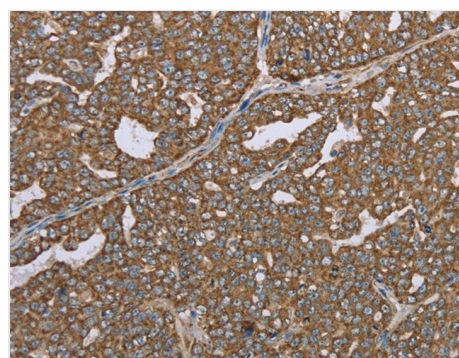
### PRODUCT SPECIFICATIONS

|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                 |
| Reactivity                                      | Human                                                                  |
| Clonality                                       | Polyclonal                                                             |
| Isotype                                         | IgG                                                                    |
| Purity/Purification                             | Affinity purification                                                  |
| Form/Format                                     | PBS with 0.05% sodium azide, 50% glycerol, pH7.4                       |
| Sequence Length                                 | 394                                                                    |
| Applicable Applications for anti-CERS4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                   |
| Immunogen                                       | Synthetic peptide of human CERS4                                       |
| Note                                            | Centrifuge before opening to ensure complete recovery of vial contents |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze / thaw cycles.                     |

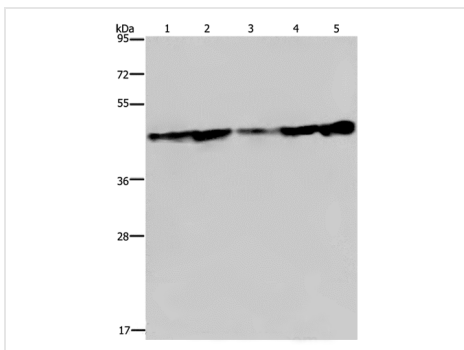
### IMAGES


**IHC (Immunohistochemistry)**

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


**IHC (Immunohistochemistry)**

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



**WB (Western Blot)**

Western Blot analysis of Human fetal liver tissue, HT-29 and HUVEC cell, MCF-7 cell and Human hepatocellular carcinoma tissue using CERS4 Polyclonal Antibody at dilution of 1:300

**ADDITIONAL INFORMATION**

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CERS4 antibody</b> | <p>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.</p> |
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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 kDa                                                                                     |
| 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                | <b>CERS4</b>                                                                               |
| 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-western-blot-elisa/168037>