

## Rabbit anti-Human, Rat CERS1 Polyclonal Antibody | anti-CERS1 antibody

CERS1 Antibody

|                               |                       |                                 |                                                                  |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA233948</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------|

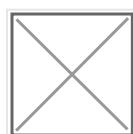
### PRODUCT SYNONYMS

CERS1; Polyclonal Antibody; CERS1 Antibody; Ceramide synthase 1; CerS1; LAG1 longevity assurance homolog 1; Longevity assurance gene 1 protein homolog 1; Protein UOG-1; LAG1; LASS1; UOG1; anti-CERS1 antibody

### PRODUCT SPECIFICATIONS

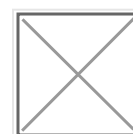
|                                                 |                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                           |
| Reactivity                                      | Human, Rat                                                                       |
| Clonality                                       | Polyclonal                                                                       |
| Isotype                                         | IgG                                                                              |
| Purity/Purification                             | >95%, Protein G purified                                                         |
| Form/Format                                     | Liquid                                                                           |
| Sequence Length                                 | 350                                                                              |
| Applicable Applications for anti-CERS1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                       | Recombinant Human Ceramide synthase 1 protein (1-52AA)                           |
| Conjugation                                     | Non-conjugated                                                                   |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Species                                         | Homo sapiens (Human)                                                             |
| Research Area                                   | Signal Transduction                                                              |
| Target Names                                    | CERS1                                                                            |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233948 at dilution of 1:100



#### WB (Western Blot)

Western Blot Positive WB detected in: Rat brain tissue, Rat heart tissue All lanes: CERS1 antibody at 3ug/ml Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40, 38 KDa Observed band size: 40 KDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CERS1 antibody | May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing mainly one fatty acid donor (N-linked stearyl- (C18) ceramide) in a fumonisin B1-independent manner (By similarity). |
| Product Categories/Family for anti-CERS1 antibody   | Cancer; Metabolism; Signal Transduction                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                               |
|----------------------------------|-------------------------------|
| NCBI GI #                        | 11641421                      |
| NCBI GeneID                      | 10715                         |
| NCBI Accession #                 | NP_067090.1                   |
| NCBI GenBank Nucleotide #        | NM_021267.4                   |
| UniProt Accession #              | P27544                        |
| NCBI Official Full Name          | ceramide synthase 1 isoform 1 |
| NCBI Official Synonym Full Names | ceramide synthase 1           |
| NCBI Official Symbol             | CERS1                         |
| NCBI Official Synonym Symbols    | EPM8; LAG1; UOG1; LASS1       |
| NCBI Protein Information         | ceramide synthase 1           |
| UniProt Protein Name             | Ceramide synthase 1           |
| UniProt Gene Name                | CERS1                         |
| UniProt Synonym Gene Names       | LAG1; LASS1; UOG1; CerS1      |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cers1-antibody-immunohistochemistry-western-blot-elisa/233948>