

## LASS4 Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-AP04956  |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 20ul, 50ul, 100ul   |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human LASS4. AA range:41-90 |
| <b>Mol wt</b>                  | 46399   |
| <b>Species reactivity</b>      | Human   |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | WB, IHC-p, ELISA  |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | LASS4 Antibody  |
| <b>Synonyms</b>                | CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4                    |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

CERS4 is a Protein Coding gene. Ceramide Synthase 4 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 different fatty acid donors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner. Among its related pathways are Metabolism and Sphingolipid signaling pathway. Gene Ontology (GO) annotations related to this gene include sphingosine N-acyltransferase activity. An important paralog of this gene is CERS5.

### Recommended Dilution

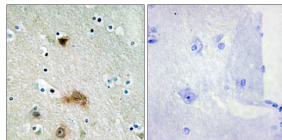
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

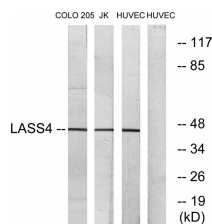
ELISA: 1: 10000

Not yet tested in other applications.

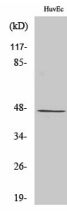
### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using LASS4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC, COLO, and Jurkat cells, using LASS4 Antibody. The lane on the right is blocked with the synthesized peptide.



## Western Blot analysis of various cells using LASS4 Polyclonal Antibody

### Storage

-20°C for one year

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