



# LASS4 Polyclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | BYab-02657   |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Rat;Mouse;   |
| <b>Applications</b>       | WB;IHC;IF;ELISA  |
| <b>Gene Name</b>          | CERS4  |
| <b>Protein Name</b>       | Ceramide synthase 4  |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human LASS4. AA range:41-90  |
| <b>Specificity</b>        | LASS4 Polyclonal Antibody detects endogenous levels of LASS4 protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG   |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Dilution</b>           | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200   |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           | CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4   |
| <b>Observed Band</b>      | 46kD   |
| <b>Cell Pathway</b>       | Endoplasmic reticulum membrane ; Multi-pass membrane protein .   |
| <b>Tissue Specificity</b> | Cerebellum,Embryo,Lung,  |
| <b>Function</b>           | function: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.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain., |
| <b>Background</b>         | function: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  |

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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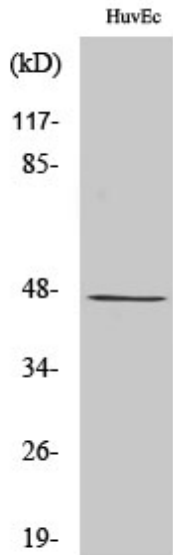
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

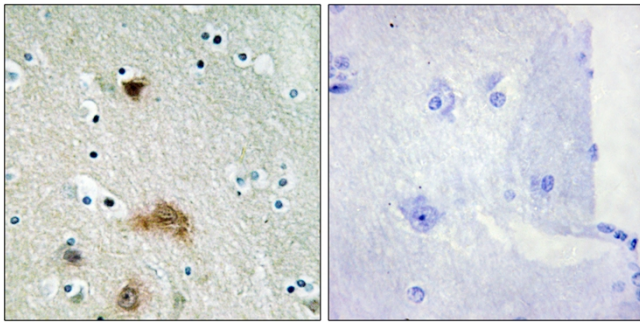
监督电话: 15950492658



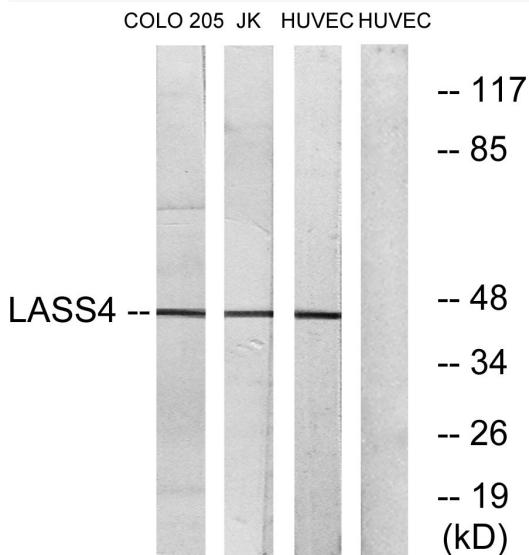
## Products Images



Western Blot analysis of various cells using LASS4 Polyclonal Antibody



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.

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