

## ARG46251 anti-CERS5 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CERS5
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CERS5
Species	Human
Immunogen	A 18 amino acid synthetic peptide within aa. 90 - 140 of human CERS5.
Conjugation	Un-conjugated
Alternate Names	CERS5; CerS5; LASS5; LAG1 longevity assurance homolog 5; Ceramide synthase 5; Trh4; EC 2.3.1.24

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Purification	Affinity chromatography purified
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

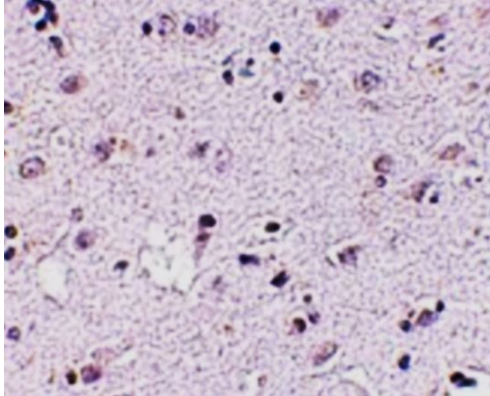
### Bioinformation

Gene Symbol	CERS5
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Gene Full Name	ceramide synthase 5
Background	Lass5 also known as longevity assurance homolog 5 is a dihydroceramide synthase. It uses palmitoyl-CoA as acyl donor and is involved in the synthesis of C14, C16 and C18-ceramide.
Function	Dihydroceramide synthase. Catalyzes the acylation of sphingosine to form dihydroceramide, with high selectivity toward palmitoyl-CoA as acyl donor compared to stearoyl-CoA. Inhibited by fumonisin B1 (By similarity). [UniProt]

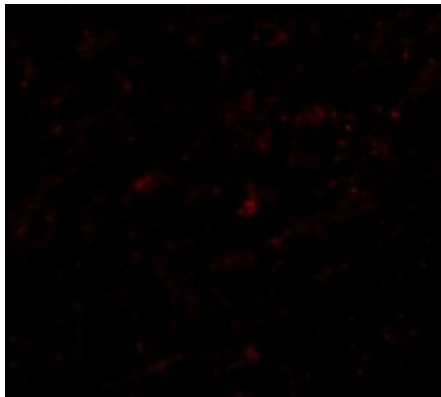
## Images

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ARG46251 anti-CERS5 antibody IHC-P image

Immunohistochemistry: Human brain stained with ARG46251 anti-CERS5 antibody.



ARG46251 anti-CERS5 antibody ICC/IF image

Immunofluorescence: Human brain stained with ARG46251 anti-CERS5 antibody.



ARG46251 anti-CERS5 antibody WB image

Western blot: Rat brain stained with ARG46251 anti-CERS5 antibody.