

Rabbit Anti-NAALAD2/AF350 Conjugated antibody

SL18991R-AF350

Product Name	Anti-NAALAD2/AF350
Chinese Name	AF350 标记的 NAALAD2 蛋白抗体
Alias	N-acetylated-alpha-linked acidic dipeptidase 2; NAALAD2; NAALADase II; Glutamate carboxypeptidase III; GCPIII.
Research Area	Cell biology Neurobiology Ubiquitin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	84kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human NAALAD2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	Function: Has N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Also exhibits a dipeptidyl-peptidase IV type activity. Inactivate the peptide neurotransmitter N-acetylaspartylglutamate.

Subcellular Location:

Membrane.

Tissue Specificity:

Highest expression in the testis. Also found in ovary and spleen. Weak expression in prostate, heart and placenta. In brain, expressed in striatum, parietal cortex and ventral striatum with lower levels in hippocampus, brain stem, putamen and superior colliculus.

Similarity:

Belongs to the peptidase M28 family. M28B subfamily.

Database links:

[Entrez Gene: 10003](#) Human

[Entrez Gene: 72560](#) Mouse

[SwissProt: Q9Y3Q0](#) Human

[SwissProt: Q9CZR2](#) Mouse

[Unigene: 503560](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.