

NAALAD2 rabbit monoclonal antibody

Catalog # H00010003-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NAALAD2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NAALAD2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NAALAD2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NAALAD2

Entrez GeneID [10003](#)

GeneBank Accession# [NAALAD2](#)

Gene Name NAALAD2

Gene Alias MGC116996, MGC26353, NAADALASE2, NAALADASE2

Gene Description N-acetylated alpha-linked acidic dipeptidase 2

Omim ID [611636](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the N-acetylated alpha-linked acidic dipeptidase (NAALADase) gene family. The representative member of this family is the gene encoding human prostate-specific membrane antigen (PSM), which is a marker of prostatic carcinomas and is the first to be shown to possess NAALADase activity. NAALADase cleaves N-acetyl-L-aspartate-L-glutamate (NAAG), which is a neuropeptide expressed both in the central nervous systems and in the periphery and is thought to function as a neurotransmitter. The product of this gene is a type II integral membrane protein. Transient transfection of this gene confers both NAALADase and dipeptidyl peptidase IV activities to mammalian cells. This gene is highly expressed in ovary and testis as well as within discrete brain areas. [provided by RefSeq]

Other Designations N-acetylated alpha-linked acidic dipeptidase II

Disease

- [Tobacco Use Disorder](#)