

DNAxPAb

Hard-to-Find
Antibody

NAALAD2 DNAxPab

Catalog # H00010003-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NAALAD2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAESRGRLYLWMCLAAALASFLMGFMV/GWFIKPLKETTTSVRYHQSIRWKLVSSEMKAENIKSFLR SFTKLPHLAGTEQNFLLAKKIQTQWKFGLDsAKLVHYDVLLSYNETNANYISIVDEHETEIFKTSY LEPPPDGYENVTNMPPYNAFSAQGMPEGDLVYVNYARTEDFFKLEREMGINCTGKVIARYGKIFR GNKVKNAMLAGAIGIILYSDPADYFAPEVQPYPKGWNLPGTAAQRGNVLNLNGAGDPLTPGYPAK EYTFRLDVEEGVGIPRIPVHPIGYNDAEILLRYSFLVGYEIKIFCTSCLFSH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NAALAD2

Entrez GeneID [10003](#)

GeneBank Accession# [BC038840](#)

Protein Accession# [AAH38840](#)

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 dipetidyl 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](#)