

DNAXPAb

 Hard-to-Find  
Antibody

# NAALAD2 DNAXPab

Catalog # H00010003-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human NAALAD2 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MAESRGRLYLWMCLAAALASFLMGFMV/GWFIKPLKETTTSVRYHQSIKRWKLVSEMKAENIKSFLR SFTKLPFLAGTEQNFLLAKKIQTQWKKFGLDLAKLVHYDVLLSYNETNANYISIVDEHETEIFKTSY LEPPPDGYENVTNMPPYNAFSAQGMPEGDLVYVNYARTEDFFKLEREMGINCTGKVIARYGKIFR GNKVKNAMLAGAIGIILYSDPADYFAPEVQPYPKGWNLPGTAAQRGNVNLNLGAGDPLTPGYPAK EYTFRLDVEEGVGIPRIPVHPIGYNDAEILLRYSFLVGYEIKIFCTSCFLSH
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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](#)