

Product datasheet for TA356612

NAALAD2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

WB **Applications:**

Reactivity: Human Rabbit Host:

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the middle region of human Immunogen:

NAALAD2

Specificity: Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat

Homology: Cow: 92%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%;

Rabbit: 79%; Rat: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 31kDa

Gene Name: N-acetylated alpha-linked acidic dipeptidase 2

Database Link: NP 001287859.1

Entrez Gene 10003 Human

Q9Y3Q0



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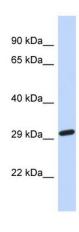
Background:

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. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: MGC26353; MGC116996; NAADALASE2; NAALADASE2

Protein Families: Druggable Genome, Transmembrane

Product images:



Host: Rabbit

Target Name: NAALAD2

Sample Type: Fetal Brain lysates Antibody Dilution: 1.0ug/ml