

Product datasheet

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ARG40095 anti-NGDN antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes NGDN

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NGDN

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 61-209 of Human NGDN (NP_001036100.1).

Conjugation Un-conjugated

Alternate Names NGD; EIF4E-binding protein; Neuroguidin; C14orf120; CANu1; Centromere accumulated nuclear protein

1; lpd-2; LCP5

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat testis, Mouse spleen and U-251MG	
Observed Size	36 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol NGDN

Gene Full Name neuroguidin, EIF4E binding protein

Background Neuroguidin is an EIF4E (MIM 133440)-binding protein that interacts with CPEB (MIM 607342) and

functions as a translational regulatory protein during development of the vertebrate nervous system

(Jung et al., 2006 [PubMed 16705177]).[supplied by OMIM, Mar 2008]

Function Involved in the translational repression of cytoplasmic polyadenylation element (CPE)-containing

mRNAs. [UniProt]

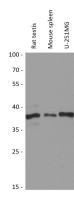
Calculated Mw 36 kDa

Cellular Localization Nucleus. Nucleus, nucleolus. Chromosome, centromere. Cytoplasm. Cell projection, axon. Cell

projection, dendrite. Cell projection, filopodium. Note=Detected in axons, dendrites and filopodia. Colocalized with EIF4E in neurites (By similarity). Translocated from nucleolus to nuclear foci in

response to UV damage. [UniProt]

Images



ARG40095 anti-NGDN antibody WB image

Western blot: 25 μg of Rat testis, Mouse spleen and U-251MG cell lysates stained with ARG40095 anti-NGDN antibody at 1:3000 dilution.