

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	

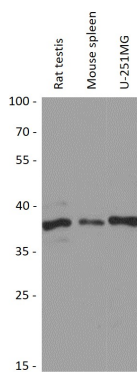
Properties

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.