



NGDN Polyclonal Antibody

Catalog No	BYab-05837
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	NGDN C14orf120
Protein Name	Neuroguidin (EIF4E-binding protein)
Immunogen	Synthesized peptide derived from human protein . at AA range: 240-320
Specificity	NGDN Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	34kD
Cell Pathway	Nucleus . Nucleus, nucleolus . Chromosome, centromere . Cytoplasm . Cell projection, axon . Cell projection, dendrite . Cell projection, filopodium . Detected in axons, dendrites and filopodia. Colocalized with EIF4E in neurites (By similarity). Translocated from nucleolus to nuclear foci in response to UV damage.
Tissue Specificity	Brain,Epithelium,Placenta,
Function	function:Involved in the translational repression of cytoplasmic polyadenylation element (CPE)-containing mRNAs.,similarity:Belongs to the SAS10 family.,subcellular location:Detected in axons, dendrites and filopodia. Colocalized with EIF4E in neurites.,subunit:Interacts with CPEB1 and EIF4E.,
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],

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

