



NGDN Polyclonal Antibody

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|---------------------------|---|
| 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

