

NGDN Polyclonal Antibody

Catalog No :	YN0964
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	NGDN
Gene Name :	NGDN C14orf120
Protein Name :	Neuroguidin (EIF4E-binding protein)
Human Gene Id :	25983
Human Swiss Prot No :	Q8NEJ9
Mouse Swiss Prot No :	Q9DB96
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
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	34kD

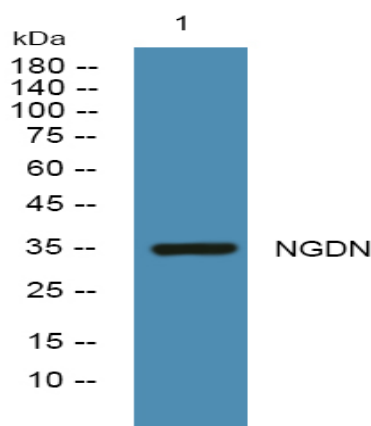
Background : Neuroguidin is an EIF4E (MIM 133440)-binding protein that interacts with CPEB (MIM 607342) and functions as a translational regulatory protein during development of the vertebrate nervous system (Jung et al., 2006 [PubMed 16705177]).[supplied by OMIM, Mar 2008],

Function : 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.,

Subcellular Location : 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.

Expression : Brain,Epithelium,Placenta,

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night