

AP52870PU-N**Polyclonal Antibody to Neuroguidin (Center) - Aff - Purified**

Alternate names:	C14orf120, NGDN
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Neuroguidin is an EIF4E-binding protein that interacts with CPEB and functions as a translational regulatory protein during development of the vertebrate nervous system [Jung et al., 2006; PubMed 16705177].
Uniprot ID:	Q8NEI9
NCBI:	NP_001036100
GeneID:	25983
Host / Isotype:	Rabbit / Ig
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 135-165aa) of human Neuroguidin
Format:	State: Liquid purified Ig fraction Purification: Purified through a Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) Sodium azide
Applications:	Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes human Neuroguidin.
Add. Information:	Molecular Weight: 35894 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Sihn, C.R. et al., Genes Cells 13(8): 787-796 (2008) Lamesch, P. et al., Genomics 89(3): 307-315 (2007) Olsen, J.V. et al., Cell 127(3): 635-648 (2006) Jung, M.Y. et al., Mol. Cell. Biol. 26(11): 4277-4287 (2006) Nousiainen, M. et al., Proc. Natl. Acad. Sci. U.S.A. 103(14): 5391-5396 (2006)

Pictures:

Western blot analysis in HepG2 cell line lysates (35ug/lane) using Neuroguidin antibody Cat.-No. AP52870PU-N. This demonstrates this antibody detected the Neuroguidin protein (arrow).

