

NEUROD6 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13481a

Specification

NEUROD6 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96NK8
Other Accession	P48986 , Q4R5G6 , Q08DI0 , NP_073565.2
Reactivity	Human
Predicted	Bovine, Monkey, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38705
Antigen Region	31-59

NEUROD6 Antibody (N-term) - Additional Information

Gene ID 63974

Other Names

Neurogenic differentiation factor 6, NeuroD6, Class A basic helix-loop-helix protein 2, bHLHa2, Protein atonal homolog 2, NEUROD6, ATOH2, BHLHA2

Target/Specificity

This NEUROD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-59 amino acids from the N-terminal region of human NEUROD6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NEUROD6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NEUROD6 Antibody (N-term) - Protein Information

Name NEUROD6

Synonyms ATOH2, BHLHA2

Function Activates E box-dependent transcription in collaboration with TCF3/E47. May be a trans-acting factor involved in the development and maintenance of the mammalian nervous system. Transactivates the promoter of its own gene (By similarity).

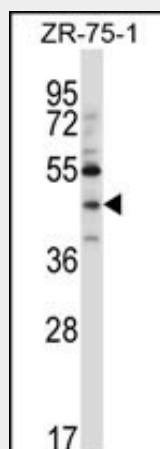
Cellular Location

Nucleus.

NEUROD6 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NEUROD6 Antibody (N-term) - Images

NEUROD6 Antibody (N-term) (Cat. #AP13481a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the NEUROD6 antibody detected the NEUROD6 protein (arrow).

NEUROD6 Antibody (N-term) - Background

NEUROD6 is a member of the NEUROD (NEUROD1; MIM 601724) family of basic helix-loop-helix (bHLH) transcription factors (Guo et al., 2002 [PubMed 12357074]).

NEUROD6 Antibody (N-term) - References

Ribases, M., et al. Biol. Psychiatry 66(10):926-934(2009)
Satou, W., et al. Exp. Gerontol. 39(2):173-179(2004)
Guo, L., et al. J. Genet. 81(1):13-17(2002)
Dintilhac, A., et al. J. Biol. Chem. 277(9):7021-7028(2002)