

NEUROD6 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13481a**Specification**

NEUROD6 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q96NK8](#)**NEUROD6 Antibody (N-term) Blocking peptide - 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

The synthetic peptide sequence used to generate the antibody AP13481a was selected from the N-term region of NEUROD6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NEUROD6 Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NEUROD6 Antibody (N-term) Blocking peptide - Images

NEUROD6 Antibody (N-term) Blocking peptide - 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) Blocking peptide - 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)