

NEUROG2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14019c**Specification**

NEUROG2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9H2A3](#)**NEUROG2 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 63973**Other Names**

Neurogenin-2, NGN-2, Class A basic helix-loop-helix protein 8, bHLHa8, Protein atonal homolog 4, NEUROG2, ATOH4, BHLHA8, NGN2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14019c was selected from the Center region of NEUROG2. 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.

NEUROG2 Antibody (Center) Blocking peptide - Protein Information**Name** NEUROG2**Synonyms** ATOH4, BHLHA8, NGN2**Function**

Transcriptional regulator. Involved in neuronal differentiation. Activates transcription by binding to the E box (5'- CANNTG-3').

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

NEUROG2 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NEUROG2 Antibody (Center) Blocking peptide - Images

NEUROG2 Antibody (Center) Blocking peptide - Background

Neurogenin-2 is a member of the neurogenin subfamily of basic helix-loop-helix (bHLH) transcription factor genes that play an important role in neurogenesis from migratory neural crest cells.

NEUROG2 Antibody (Center) Blocking peptide - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010) Deng, S., et al. Neurosci. Lett. 468(3):195-197(2010) Park, C.H., et al. FEBS Lett. 582(5):537-542(2008) Kumar, M., et al. Stem Cells Dev. 16(4):667-681(2007) Simmons, A.D., et al. Dev. Biol. 229(2):327-339(2001)