

NEUROG2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14019c

Specification

NEUROG2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9H2A3
Other Accession	P70447 , NP_076924.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28621
Antigen Region	95-124

NEUROG2 Antibody (Center) - 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

This NEUROG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-124 amino acids from the Central region of human NEUROG2.

Dilution

WB~~1:1000

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

NEUROG2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NEUROG2 Antibody (Center) - 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

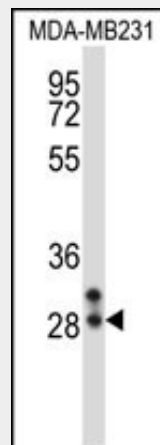
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

NEUROG2 Antibody (Center) - 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](#)

NEUROG2 Antibody (Center) - Images



NEUROG2 Antibody (Center) (Cat. #AP14019c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the NEUROG2 antibody detected the NEUROG2 protein (arrow).

NEUROG2 Antibody (Center) - 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) - 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)