

Neurogenin2 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2023b

Specification

Neurogenin2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H2A3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28621
Antigen Region	242-272

Neurogenin2 Antibody (C-term) - 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 Neurogenin2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-272 amino acids from the C-terminal region of human Neurogenin2.

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

Neurogenin2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Neurogenin2 Antibody (C-term) - 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

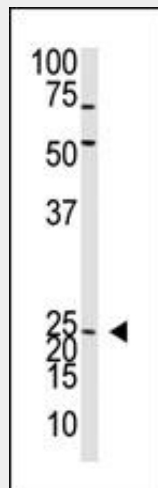
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Neurogenin2 Antibody (C-term) - Protocols

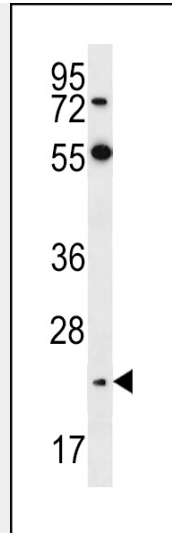
Provided below are standard protocols that you may find useful for product applications.

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

Neurogenin2 Antibody (C-term) - Images



The Neurogenin2 N-term polyclonal antibody (Cat. #AP2023b) is used in Western blot to detect Neurogenin2 in mouse liver tissue lysate.



Neurogenin2 Antibody (D235) (Cat. #AP2023b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the Neurogenin2 antibody detected the Neurogenin2 protein (arrow).

Neurogenin2 Antibody (C-term) - 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. In the course of mouse neurogenesis, Ngn2 and Ngn1 are expressed in distinct progenitor populations residing in the central and peripheral nervous systems. Mutation analyses demonstrate that Ngn1 is required for the determination of neuronal precursors for proximal cranial sensory ganglia and that Ngn2 is necessary for the determination of precursors for epibranchial placode-derived sensory neurons.

Neurogenin2 Antibody (C-term) - References

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).