

**NGN2 Antibody (CT)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10909****Specification**

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**NGN2 Antibody (CT) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O9H2A3</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG1
Calculated MW	28621

**NGN2 Antibody (CT) - Additional Information****Gene ID** 63973

Positive Control	Western Blot: Rat brain tissue lysate
Application & Usage	Western Blot: 1 - 2 µg/ml, ELISA. However, the optimal conditions should be determined individually.

**Other Names**

Neurogenin-2, Neurog2, NGN-2, atonal homolog 4, atoh4, math4a, basic helix-loop-helix protein 8, bHLHa8

**Target/Specificity**

NGN2

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (1 mg/ml) in 1X PBS containing 1 mg/ml BSA, 50% glycerol and less than 0.02% sodium azide, pH 7.4.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

NGN2 Antibody (CT) is for research use only and not for use in diagnostic or therapeutic

procedures.

## **NGN2 Antibody (CT) - 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}.

## **NGN2 Antibody (CT) - 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](#)

## **NGN2 Antibody (CT) - Images**

## **NGN2 Antibody (CT) - Background**

Neurogenin-2 (NGN2) is a neural-specific basic helix-loop-helix (bHLH) transcription factor that can specify a neuronal fate on ectodermal cells and is expressed in neural progenitor cells within the developing central and peripheral nervous systems. NGN2 is thought to work with Nurr1 to play a role in the differentiation and survival of midbrain dopaminergic neurons. It has also been suggested for use in human embryonic neural progenitors as a graft for spinal cord injuries