

Neurogenin 1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2602a**Specification**

Neurogenin 1 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O92886
Other Accession	NP_006152.2 , 4762 , 18014 (mouse) , 29410 (rat)
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	25718

Neurogenin 1 Antibody (C-Term) - Additional Information**Gene ID** 4762**Other Names**

Neurogenin-1, NGN-1, Class A basic helix-loop-helix protein 6, bHLHa6, Neurogenic basic-helix-loop-helix protein, Neurogenic differentiation factor 3, NeuroD3, NEUROG1, BHLHA6, NEUROD3, NGN, NGN1

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Neurogenin 1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Neurogenin 1 Antibody (C-Term) - Protein Information**Name** NEUROG1**Synonyms** BHLHA6, NEUROD3, NGN, NGN1**Function**

Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis (By similarity).

Cellular Location

Nucleus.

Tissue Location

Expression restricted to the embryonic nervous system

Neurogenin 1 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](#)

Neurogenin 1 Antibody (C-Term) - Images**Neurogenin 1 Antibody (C-Term) - References**

Association between the 5q31.1 gene neurogenin1 and schizophrenia. Fanous AH, Chen X, Wang X, Amdur RL, O'Neill FA, Walsh D, Kendler KS. Am J Med Genet B Neuropsychiatr Genet. 2007 Mar 5;144(2):207-14. PMID: 17044100