

Product datasheet for **AP11893PU-N**

Neurogenin 2 (NEUROG2) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:100 - 1:500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human Neurogenin2.
Specificity:	This antibody detects Neurogenin2 at C-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurogenin 2
Database Link:	Entrez Gene 63973 Human Q9H2A3



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Background:

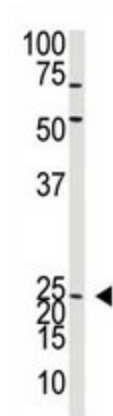
Neurogenin-2 is a member of the neurogenin subfamily of basic helix-loop-helix (bHLH) transcription factor genes that play an important role in neurogenesis from migratory neural crest cells. In the course of mouse neurogenesis, Ngn2 and Ngn1 are expressed in distinct progenitor populations residing 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.

Synonyms:

NEUROG2, ATOH4, NGN2

Note:

Molecular weight: 26130 Da

Product images:

The Neurogenin2 N-term polyclonal antibody is used in Western blot to detect Neurogenin2 in mouse liver tissue lysate.