

## NEUROG3

**Reactivity:** Human Mouse

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:1000 IHC 1:50 - 1:100

**Calculated MW:** 23kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human NEUROG3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

ngn3; Atoh5; NGN-3; Math4B; bHLHa7;

**Catalog #:** A2772

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 50674

**Isotype:** IgG

**Swiss Prot:** Q9Y4Z2

**Purity:** Affinity purification

For research use only.

**Background:**

Neurogenin-3 is a protein that in humans is encoded by the NEUROG3 gene. Neurogenin-3 is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine. It belongs to a family of basic helix-loop-helix (bHLH) transcription factors involved in the determination of neural precursor cells in the neuroectoderm. The pancreas and brain the major splicing isoform does not code for a protein. Acts as a transcriptional regulator. Together with NKX2-2, initiates transcriptional activation of NEUROD1.

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