

NEUROG3 Rabbit pAb

Catalog No.: A2772 **1 Publications**

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of congenital malabsorptive diarrhea 4 (DIAR4).

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

50674

Swiss Prot

Q9Y4Z2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human NEUROG3 (NP_066279.2).

Synonyms

ngn3; Atoh5; NGN-3; Math4B; bHLHa7; NEUROG3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

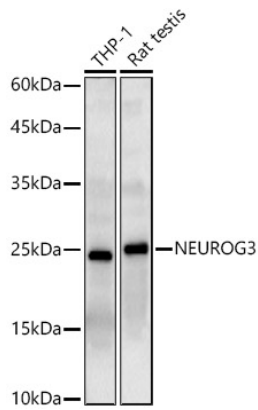
Affinity purification

Storage

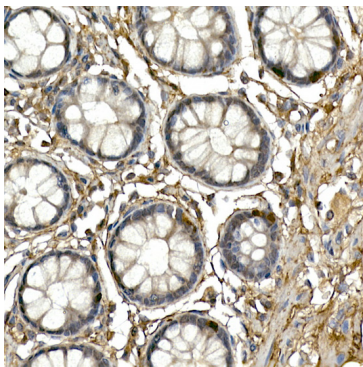
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using NEUROG3 Rabbit pAb (A2772) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded human colon using NEUROG3 Rabbit pAb (A2772) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.