

A2772

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NEUROG3 Rabbit pAb

Catalog No.: A2772 **1 Publications**

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

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 | Swiss Prot |
| 50674 | 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

 www.abclonal.com

Product Information

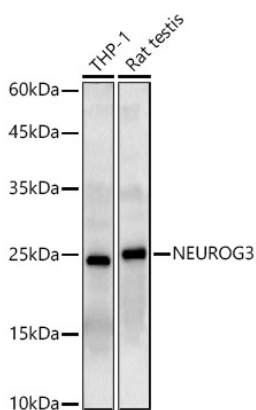
| | | |
|---------------|----------------|-----------------------|
| Source | Isotype | Purification |
| Rabbit | IgG | Affinity purification |

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.

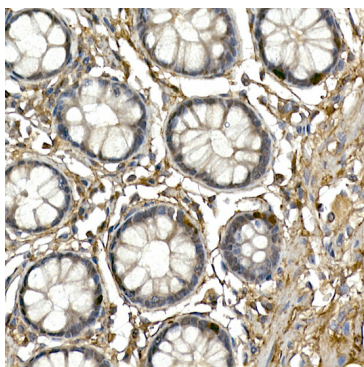
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.