

Rabbit Neurogenin-3 Polyclonal Antibody | anti-NEUROG3 antibody

Anti-Neurogenin-3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254280	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

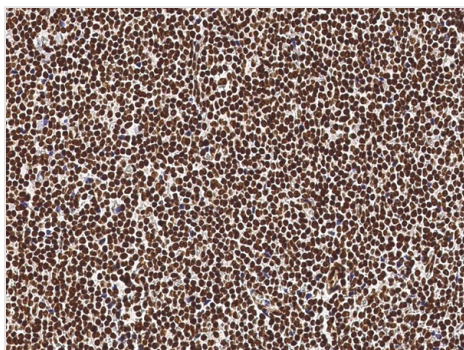
PRODUCT SYNONYMS

Neurogenin-3; Polyclonal Antibody; Anti-Neurogenin-3 Antibody; Rabbit Polyclonal; NEUROG3 Antibody; Rabbit PAb; Antigen Affinity Purified; neurogenin 3; Anti-Atoh5 Antibody; Anti-bHLHa7 Antibody; Anti-Math4B Antibody; Anti-NGN-3 Antibody; Anti-ngn3 Antibody; anti-NEUROG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Neurogenin-3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NEUROG3 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the human NEUROG3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the center region of the human NEUROG3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human NEUROG3 in human lymph node with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human NEUROG3 in human tonsil with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG3 antibody	NEUROG3 (Neurogenin 3) is a Protein Coding gene. 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. Together with NKX2-2, it initiates transcriptional activation of NEUROD1. NEUROG3 plays a central role in the development of both pancreatic islets and enteroendocrine cells. Homozygous hypomorphic missense mutations in NEUROG3 have been recently associated with a rare form of congenital malabsorptive diarrhea secondary to enteroendocrine cell dysgenesis. NEUROG3 is essential for endocrine pancreas development in humans and that as little as 10% NEUROG3 is sufficient for the formation of pancreatic endocrine cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229462908
NCBI GeneID	50674
UniProt Accession #	Q9Y4Z2; Q5VV10; Q6DJX6; Q9BY24
Molecular Weight	214
NCBI Official Full Name	Neurogenin-3
NCBI Official Synonym Full Names	neurogenin 3
NCBI Official Symbol	NEUROG3
NCBI Official Synonym Symbols	ngn3; Atoh5; NGN-3; Math4B; bHLHa7
NCBI Protein Information	neurogenin-3; protein atonal homolog 5; class A basic helix-loop-helix protein 7
UniProt Protein Name	Neurogenin-3
UniProt Gene Name	NEUROG3
UniProt Synonym Gene Names	ATOH5; BHLHA7; NGN3; NGN-3; bHLHa7
UniProt Entry Name	NGN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neurogenin-3-antibody-immunohistochemistry-elisa/254280>