

Rabbit NEUROG3 Polyclonal Antibody | anti-NEUROG3 antibody

NEUROG3 Antibody

CATALOG # AAA326821	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

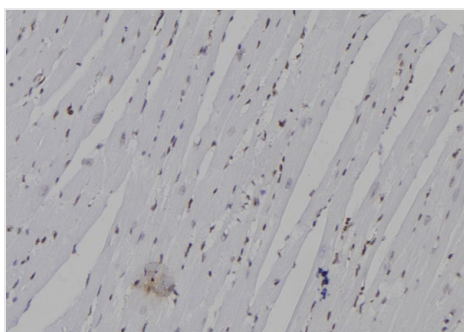
PRODUCT SYNONYMS

NEUROG3; Polyclonal Antibody; NEUROG3 Antibody; ATH4B; Atoh5; bHLHa7; Class A basic helix-loop-helix protein 7; Math4B; Neurogenin-3; NGN-3; ngn3; NGN3_HUMAN; OTTHUMP00000019730; Protein atonal homolog 5; anti-NEUROG3 antibody

PRODUCT SPECIFICATIONS

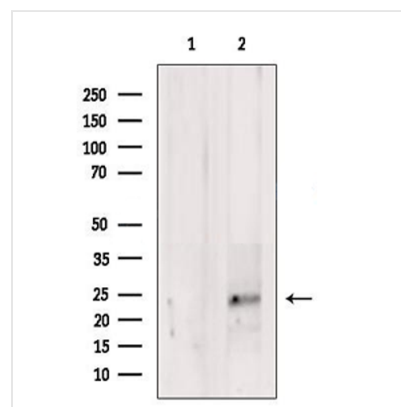
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NEUROG3 antibody detects endogenous levels of total NEUROG3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	214
Applicable Applications for anti-NEUROG3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NEUROG3, corresponding to a region within N-terminal amino acids
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326821 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from Hela cells, using NEUROG3 Ab. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG3 antibody	Description: 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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	68989258
NCBI GeneID	50674
NCBI Accession #	NP_066279.2
NCBI GenBank Nucleotide #	NM_020999.3
UniProt Accession #	Q9Y4Z2; Q5VVI0; Q6DJX6; Q9BY24
Molecular Weight	23 kDa
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
UniProt Protein Name	Neurogenin-3
UniProt Gene Name	NEUROG3
UniProt Synonym Gene Names	ATOH5; BHLHA7; NGN3; NGN-3; bHLHa7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/neurog3-antibody-immunohistochemistry-western-blot-elisa/326821>