Rabbit anti-Human, mouse Neurogenin2 Polyclonal Antibody | anti-NEUROG2 antibody

Neurogenin2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286288	**Rabbit**	**Human, mouse**	**ELISA, Western Blot**

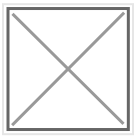
PRODUCT SYNONYMS

Neurogenin2; Polyclonal Antibody; Neurogenin2 Antibody (C-term); Neurogenin-2; NGN-2; Class A basic helix-loop-helix protein 8; bHLHa8; Protein atonal homolog 4; NEUROG2; ATOH4; BHLHA8; NGN2; anti-NEUROG2 antibody

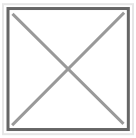
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Neurogenin2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-272 amino acids from the C-terminal region of human Neurogenin2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	242-272
Sequence Length	272
Applicable Applications for anti-NEUROG2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Neurogenin2 Antibody (D235) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the Neurogenin2 antibody detected the Neurogenin2 protein (arrow).



WB (Western Blot)
The Neurogenin2 N-term polyclonal antibody is used in Western blot to detect Neurogenin2 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG2 antibody	Neurogenin-2 is a member of the neurogenin subfamily of basic helix-loop-helix (bHLH) transcription factor genes that play an important role in neurogenesis from migratory neural crest cells. In the course of mouse neurogenesis, Ngn2 and Ngn1 are expressed in distinct progenitor populations residing in the central and peripheral nervous systems. Mutation analyses demonstrate that Ngn1 is required for the determination of neuronal precursors for proximal cranial sensory ganglia and that Ngn2 is necessary for the determination of precursors for epibranchial placode-derived sensory neurons.
Product Categories/Family for anti-NEUROG2 antibody	Neuroscience
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31077092
NCBI GeneID	63973
NCBI Accession #	NP_076924.1
NCBI GenBank Nucleotide #	NM_024019.3
UniProt Accession #	Q9H2A3; Q8N416
Molecular Weight	28621
NCBI Official Full Name	neurogenin-2
NCBI Official Synonym Full Names	neurogenin 2
NCBI Official Symbol	NEUROG2
NCBI Official Synonym Symbols	NGN2; Atoh4; ngn-2; Math4A; bHLHa8
NCBI Protein Information	neurogenin-2
UniProt Protein Name	Neurogenin-2
UniProt Gene Name	**NEUROG2**
UniProt Synonym Gene Names	ATOH4; BHLHA8; NGN2; NGN-2; bHLHa8
UniProt Entry Name	NGN2_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/neurogenin2-antibody-western-blot-elisa/286288