

Rabbit NEUROG1 Polyclonal Antibody | anti-NEUROG1 antibody

NEUROG1 Polyclonal Antibody

CATALOG # AAA169484	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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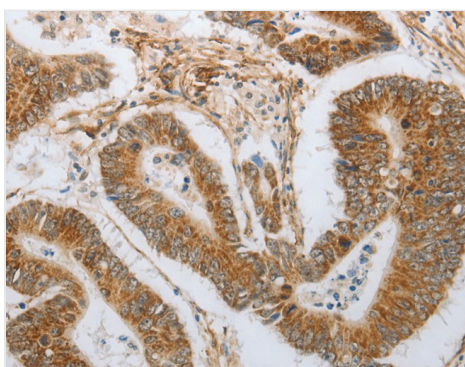
PRODUCT SYNONYMS

NEUROG1; Polyclonal Antibody; NEUROG1 Polyclonal Antibody; AKA; ngn1; Math4C; bHLHa6; NEUROD3; anti-NEUROG1 antibody

PRODUCT SPECIFICATIONS

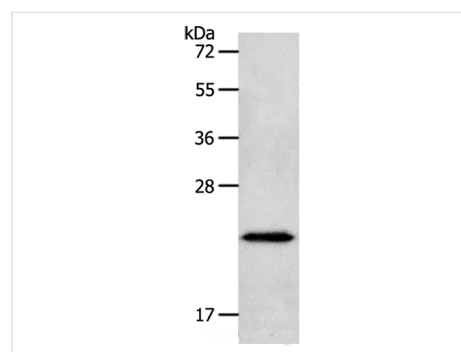
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	237
Applicable Applications for anti-NEUROG1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human NEUROG1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using NEUROG1 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Human liver cancer tissue using NEUROG1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG1 antibody	Neurogenin-1 is a protein that in humans is encoded by the NEUROG1 gene. Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis. NEUROG1 has been shown to interact with CREB-binding protein and decapentaplegic homolog 1.
Product Categories/Family for anti-NEUROG1 antibody	Stem cells; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	38455396
NCBI GeneID	4762
NCBI Accession #	NP_006152.2
NCBI GenBank Nucleotide #	NM_006161.2
Molecular Weight	25,718 Da
NCBI Official Full Name	neurogenin-1
NCBI Official Synonym Full Names	neurogenin 1
NCBI Official Symbol	NEUROG1
NCBI Official Synonym Symbols	AKA; ngn1; Math4C; bHLHa6; NEUROD3
NCBI Protein Information	neurogenin-1; NGN-1; class A basic helix-loop-helix protein 6; neurogenic basic-helix-loop-helix protein; neurogenic differentiation 3; neurogenic differentiation factor 3
UniProt Protein Name	Neurogenin-1
UniProt Gene Name	NEUROG1
UniProt Synonym Gene Names	BHLHA6; NEUROD3; NGN; NGN1; NGN-1; bHLHa6; NeuroD3
UniProt Entry Name	NGN1_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/neurog1-antibody-immunohistochemistry-western-blot-elisa/169484>