

Rabbit anti-Human NEUROD1 Polyclonal Antibody | anti-NEUROD1 antibody

Anti-NEUROD1 Antibody, Rabbit Polyclonal

CATALOG # AAA254232	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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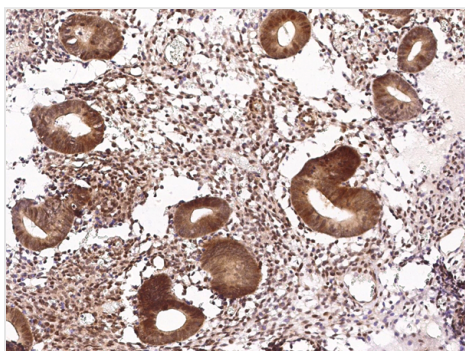
PRODUCT SYNONYMS

NEUROD1; Polyclonal Antibody; Anti-NEUROD1 Antibody; Rabbit Polyclonal; NeuroD1 Antibody; Rabbit PAb; Antigen Affinity Purified; neurogenic differentiation 1; Anti-BETA2 Antibody; Anti-BHF-1 Antibody; Anti-bHLHa3 Antibody; Anti-MODY6 Antibody; Anti-NEUROD Antibody; anti-NEUROD1 antibody

PRODUCT SPECIFICATIONS

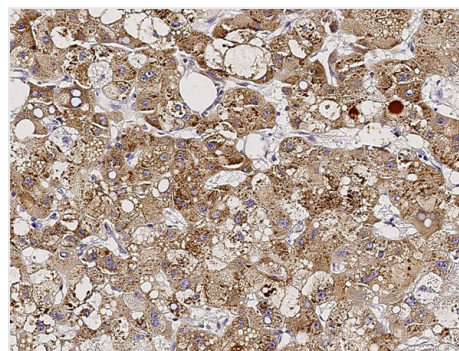
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NEUROD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NEUROD1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the human NeuroD1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the N-terminus of the human NeuroD1, 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 NEUROD1 in human endometrium with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human NEUROD1 in human hepatoma with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROD1 antibody	NEUROD1 (Neuronal Differentiation 1, also known as BETA2) is a Protein Coding gene. NEUROD1 encodes a transcription factor expressed in the endocrine pancreas and involved in beta-cell development, function, and mechanisms of apoptosis. The protein is a tissue-specific basic helix loop helix (bHLH) protein involved in the development and maintenance of the endocrine pancreas and neuronal elements. It forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. NEUROD1 is expressed in both developing and mature beta-cells. Loss of NEUROD1 causes ataxia, cerebellar hypoplasia, sensorineural deafness, and severe retinal dystrophy in mice. Diseases associated with NEUROD1 include Maturity-Onset Diabetes Of The Young, Type 6 and Diabetes Mellitus, Noninsulin-Dependent.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121114306
NCBI GeneID	4760
NCBI Accession #	NP_002491.2
NCBI GenBank Nucleotide #	NM_002500.4
UniProt Accession #	Q13562; O00343; Q13340; Q5U095; Q96TH0; Q99455; Q9UEC8; B2R9I8; F1T0E1
Molecular Weight	39,920 Da
NCBI Official Full Name	neurogenic differentiation factor 1
NCBI Official Synonym Full Names	neuronal differentiation 1
NCBI Official Symbol	NEUROD1
NCBI Official Synonym Symbols	BETA2; BHF-1; MODY6; NEUROD; bHLHa3
NCBI Protein Information	neurogenic differentiation factor 1; beta-cell E-box transactivator 2; class A basic helix-loop-helix protein 3; neurogenic helix-loop-helix protein NEUROD; basic helix-loop-helix transcription factor
UniProt Protein Name	Neurogenic differentiation factor 1
UniProt Gene Name	NEUROD1
UniProt Synonym Gene Names	BHLHA3; NEUROD; NeuroD; NeuroD1; bHLHa3
UniProt Entry Name	NDF1_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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