

Mouse NEUROG1 Monoclonal Antibody | anti-NEUROG1 antibody

NEUROG1 antibody

CATALOG # AAA108007	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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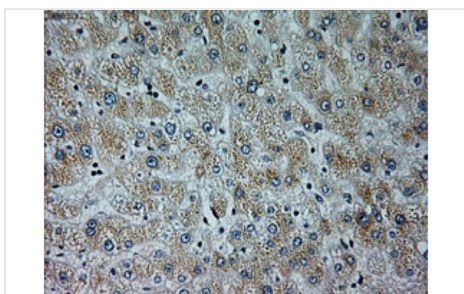
PRODUCT SYNONYMS

NEUROG1; Monoclonal Antibody; NEUROG1 antibody; Monoclonal NEUROG1; Anti-NEUROG1; Neurogenin 1; bHLHa6; NEUROD3; AKA; Math4C; NEUROG 1; NEUROG-1; anti-NEUROG1 antibody

PRODUCT SPECIFICATIONS

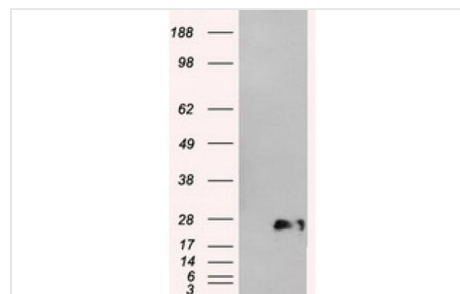
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	15A7
Purity/Purification	NEUROG1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	237
Applicable Applications for anti-NEUROG1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	NEUROG1 appears to mediate neuronal differentiation.
Cross-Reactivity	Human
Immunogen	NEUROG1 antibody was raised in mouse using a protein expressed in 293T cell transfected with human NEUROG1 expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



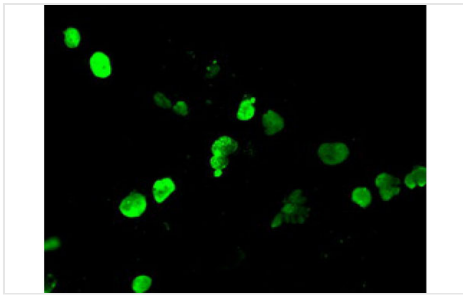
IHC (Immunohistochemistry)

Immunohistochemical analysis of NEUROG1 protein in paraffin embedded Human liver tissue using NEUROG1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NEUROG1 protein (Right) or empty vector (Left) detected with NEUROG1 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant NEUROG1 protein using NEUROG1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG1 antibody	Mouse monoclonal NEUROG1 antibody
Product Categories/Family for anti-NEUROG1 antibody	Neuroscience

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
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/monoclonal/neurog1-antibody-clone-15a7-western-blot-immunohistochemistry-immunofluorescence-elisa/108007>