

NEUROG1 Antibody

Catalog No: #37184

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Description

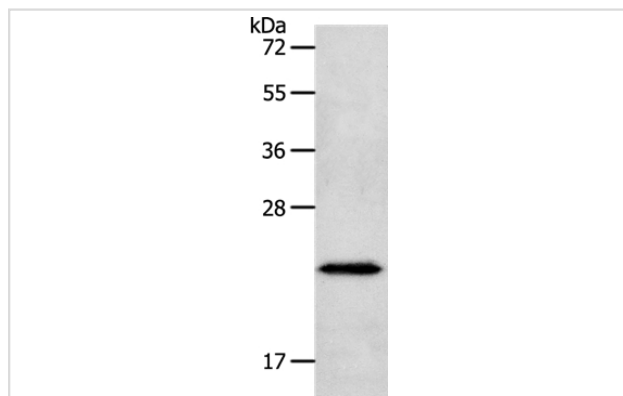
Product Name	NEUROG1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NEUROG1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Neurogenin 1
Target Name	NEUROG1
Other Names	AKA; ngn1; Math4C; bHLHa6; NEUROD3
Accession No.	Swiss-Prot#: Q92886NCBI Gene ID: 4762Gene Accssion: NP_006152
Uniprot	Q92886
GeneID	4762;
SDS-PAGE MW	26kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

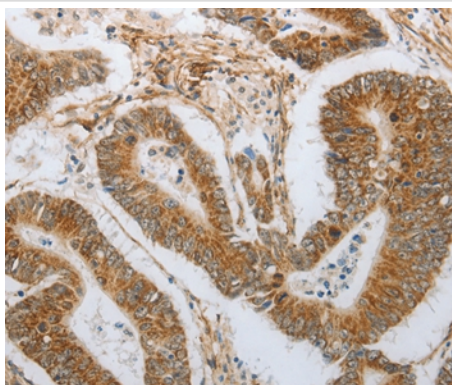
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 12%SDS-PAGE
Lysates (from left to right): Human liver cancer tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/400 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37184 at dilution 1/25.

Background

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 enhance regulatory elements in genes encoding key transcriptional regulators of neurogenesis. *NEUROG1* has been shown to interact with CREB-binding protein and decapentaplegic homolog 1.

Note: This product is for in vitro research use only