

NEUROG3 Antibody

Catalog No: #35837



Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

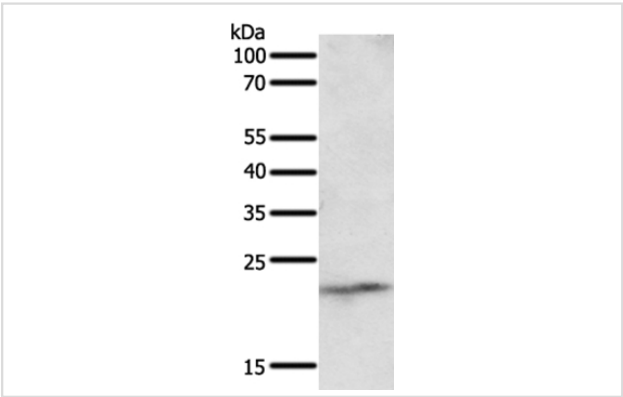
Description

Product Name	NEUROG3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NEUROG3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	NEUROG3
Other Names	ngn3; Atoh5; NGN-3; Math4B; bHLHa7
Accession No.	Swiss-Prot#: Q9Y4Z2NCBI Gene ID: 50674Gene Accssion: BC117488
Uniprot	Q9Y4Z2
GeneID	50674;
SDS-PAGE MW	23kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

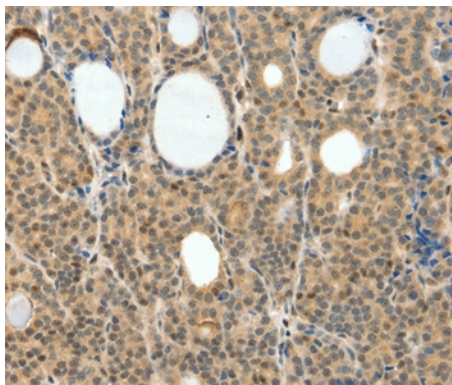
Application Details

Western blotting: 1:200-1:1000
Immunohistochemistry: 1:25-1:100

Images



Gel: 12%SDS-PAGE  
Lysates (from left to right): Mouse liver tissue  
Amount of lysate: 50ug per lane  
Primary antibody: 1/250 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #35837 at dilution 1/30.

## Background

Neurogenin-3 is a protein that in humans is encoded by the *NEUROG3* gene. Neurogenin-3 is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine. It belongs to a family of basic helix-loop-helix (bHLH) transcription factors involved in the determination of neural precursor cells in the neuroectoderm. The pancreas and brain the major splicing isoform does not code for a protein. Acts as a transcriptional regulator. Together with NKX2-2, initiates transcriptional activation of *NEUROD1*.

Note: This product is for in vitro research use only