

NEUROD1 antibody

Product Information

Catalog No.:	FNab05674
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Acts as a transcriptional activator: mediates transcriptional activation by binding to E box-containing promoter consensus core sequences 5'-CANNTG-3'. Associates with the p300/CBP transcription coactivator complex to stimulate transcription of the secretin gene as well as the gene encoding the cyclin-dependent kinase inhibitor CDKN1A. Contributes to the regulation of several cell differentiation pathways, like those that promote the formation of early retinal ganglion cells, inner ear sensory neurons, granule cells forming either the cerebellum or the dentate gyrus cell layer of the hippocampus, endocrine islet cells of the pancreas and enteroendocrine cells of the small intestine. Together with PAX6 or SIX3, is required for the regulation of amacrine cell fate specification. Also required for dendrite morphogenesis and maintenance in the cerebellar cortex. Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis(By similarity).

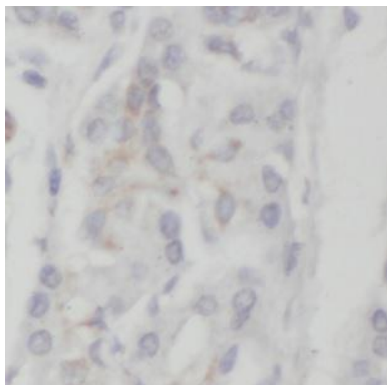
Immunogen information

Immunogen:	neurogenic differentiation 1
Synonyms:	Neurogenic differentiation factor 1 (NeuroD, NeuroD1) Class A basic helix-loop-helix protein 3 (bHLHa3) NEUROD1 BHLHA3 NEUROD
Observed MW:	50 kDa
Uniprot ID :	Q13562

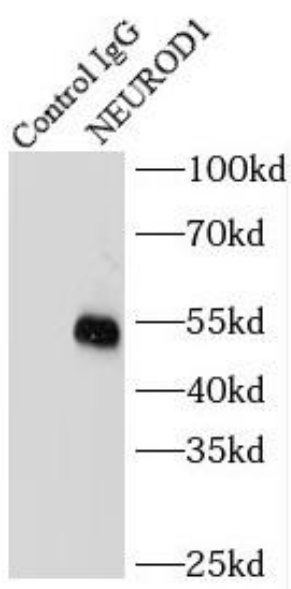
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

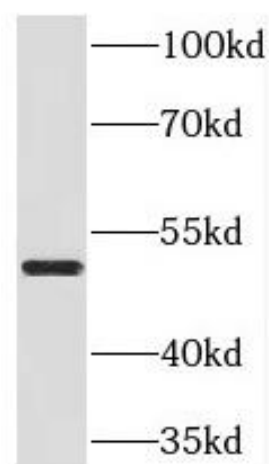
Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab05674(NEUROD1 antibody) at dilution of 1:50



IP Result of anti-NEUROD1 (IP:FNab05674, 3ug; Detection:FNab05674 1:200) with Y79 cells lysate 2000ug.



Y79 cells were subjected to SDS PAGE followed by western blot with FNab05674(NEUROD1 antibody) at dilution of 1:200