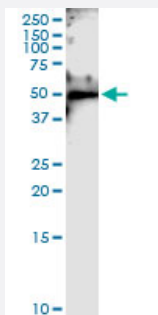


NEUROD1 (Human) IP-WB Antibody Pair

Catalog # H00004760-PW1

Size 1 Set

Applications



Immunoprecipitation of NEUROD1 transfected lysate using rabbit polyclonal anti-NEUROD1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-NEUROD1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97%); Rat (98%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of NEUROD1 transfected lysate using rabbit polyclonal anti-NEUROD1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-NEUROD1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-NEUROD1 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-NEUROD1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — NEUROD1

Entrez GeneID	4760
Gene Name	NEUROD1
Gene Alias	BETA2, BHF-1, NEUROD, bHLHa3
Gene Description	neurogenic differentiation 1
Omim ID	125853 601724
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus. [provided by RefSeq]
Other Designations	basic helix-loop-helix transcription factor beta-cell E-box transactivator 2 neurogenic differentiation factor 1 neurogenic helix-loop-helix protein NEUROD

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Albuminuria](#)
- [Cardiovascular Diseases](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Infant](#)
- [Mental Disorders](#)
- [Obesity](#)