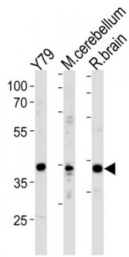


Neuronal Differentiation 1 (NeuroD1) Antibody

Catalogue No.: abx031452



NeuroD1 is a transcriptional activator that acts as a differentiation factor during neurogenesis. It has been demonstrated to bind to the insulin gene E-box. Efficient DNA binding requires dimerization with another basic helix-loop-helix (bHLH) protein. Defects in NEUROD1 are a cause of maturity onset diabetes of the young type VI (MODY6). MODY6 is a form of non-insulin-dependent diabetes mellitus characterized by an autosomal dominant mode of inheritance, onset during young adulthood and a primary defect in insulin secretion.

Target: NeuroD1

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human NeuroD1.

Purification: Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This NeuroD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-348 amino acids from the C-terminal region of human NeuroD1.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [Q13562](#)

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NCBI Accession: NP_002491.2

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Note: This product is for research use only.