

**Anti-Human/Mouse/Rat NEUROD2 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05263**

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3th Edition

**Description:** This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in *Xenopus* embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates. NEUROD2 (Neuronal Differentiation 2) is a Protein Coding gene. Diseases associated with NEUROD2 include Partial Fetal Alcohol Syndrome. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and protein dimerization activity. An important paralog of this gene is NEUROD1.

**Antigen:** Synthesized peptide derived from the Internal region of human Neuro D2

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**