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**Product Name: NeuroD2 Rabbit Monoclonal Antibody****Catalog #: AMRe86940**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB   |
| <b>Reactivity</b>    | Human, Mouse, Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> |  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.  |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:1000-1:5000                         |
| <b>Molecular Weight</b> | Calculated MW:41 kDa; Observed MW:41 kDa |

**Antigen Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Gene Name</b>         | NeuroD2                              |
| <b>Alternative Names</b> | NDRF; bHLHa1                         |
| <b>Gene ID</b>           | 4761                                 |
| <b>SwissProt ID</b>      | Q15784                               |
| <b>Immunogen</b>         | A synthetic peptide of human NeuroD2 |

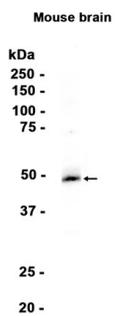
**Background**

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. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse brain tissue using NeuroD2 Rabbit Monoclonal Antibody at 1:1000.