



## **DIx-2** Monoclonal Antibody

| Catalog No         | BYmab-10772   |
|--------------------|---|
| Isotype            | lgG   |
| Reactivity         | Human;Mouse;Rat   |
| Applications       | WB  |
| Gene Name          | DLX2  |
| Protein Name       | DIx-2   |
| Immunogen          | Synthesized peptide derived from human Dlx-2. at AA range: 101-150  |
| Specificity        | DIx-2 Monoclonal Antibody detects endogenous levels of DIx-2  |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source             | Monoclonal, Mouse,IgG   |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Dilution           | WB 1:500-2000   |
| Concentration      | 1 mg/ml   |
| Purity             | ≥90%  |
| Storage Stability  | -20°C/1 year  |
| Synonyms           | Homeobox protein DLX-2  |
| Observed Band      | 42kD  |
| Cell Pathway       | Nucleus .   |
| Tissue Specificity | Brain,Duodenum,Embryo,  |
| Function           | function:Likely to play a regulatory role in the development of the ventral forebrain.<br>May play a role in craniofacial patterning and morphogenesis.,similarity:Belongs<br>to the distal-less homeobox family.,similarity:Contains 1 homeobox DNA-binding<br>domain.,  |
| Background         | Many vertebrate homeo box-containing genes have been identified on the basis<br>of their sequence similarity with Drosophila developmental genes. Members of the<br>Dlx gene family contain a homeobox that is related to that of Distal-less (DII), a<br>gene expressed in the head and limbs of the developing fruit fly. The Distal-less<br>(DIx) family of genes comprises at least 6 different members, DLX1-DLX6. The<br>DLX proteins are postulated to play a role in forebrain and craniofacial<br>development. This gene is located in a tail-to-tail configuration with another |

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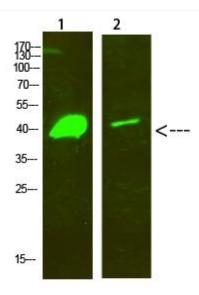




member of the gene family on the long arm of chromosome 2. [provided by RefSeq, Jul 2008],

| matters needing attention | Avoid repeated freezing and thawing!  |
|---------------------------|---|
| Usage suggestions         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## **Products Images**



Western Blot analysis of various cells using Dlx-2 Monoclonal Antibody

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