



# LRP4 Monoclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | BYmab-05706   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Rat;Mouse   |
| <b>Applications</b>       | WB  |
| <b>Gene Name</b>          | LRP4 KIAA0816 LRP10 MEGF7   |
| <b>Protein Name</b>       | Low-density lipoprotein receptor-related protein 4 (LRP-4) (Multiple epidermal growth factor-like domains 7)  |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 290-370   |
| <b>Specificity</b>        | LRP4 Monoclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Source</b>             | Monoclonal, Mouse,IgG   |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Dilution</b>           | WB 1:500-2000   |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           |   |
| <b>Observed Band</b>      | 209kD   |
| <b>Cell Pathway</b>       | Cell membrane ; Single-pass type I membrane protein .   |
| <b>Tissue Specificity</b> | Expressed in bone; present in osteoblasts and osteocytes. No expression is observed in osteoclast. Expressed in several regions of the brain.   |
| <b>Function</b>           | function:Potential cell surface endocytic receptor, which binds and internalizes extracellular ligands for degradation by lysosomes.,similarity:Belongs to the LDLR family.,similarity:Contains 20 LDL-receptor class B repeats.,similarity:Contains 3 EGF-like domains.,similarity:Contains 8 LDL-receptor class A domains.,tissue specificity:Expressed in several regions of the brain., |
| <b>Background</b>         | This gene encodes a member of the low-density lipoprotein receptor-related protein family. The encoded protein may be a regulator of Wnt signaling. Mutations in this gene are associated with Cenani-Lenz syndrome. [provided by RefSeq, May 2010],  |

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**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