



# LRP4 Polyclonal Antibody

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| <b>Catalog No</b>                | YP-Ab-05706                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                | Human;Rat;Mouse                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                    |
| <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 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                              |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                       |
| <b>Dilution</b>                  | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                            |
| <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],                                                                                                                                        |
| <b>matters needing attention</b> | 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**