



PPP1R14D Monoclonal Antibody

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| Catalog No | BYmab-04097 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB |
| Gene Name | PPP1R14D |
| Protein Name | Protein phosphatase 1 regulatory subunit 14D |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PPP1R14D. AA range:66-115 |
| Specificity | PPP1R14D Monoclonal Antibody detects endogenous levels of PPP1R14D protein. |
| 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 | PPP1R14D; GBPI; Protein phosphatase 1 regulatory subunit 14D; Gastrointestinal and brain-specific PP1-inhibitory protein 1; GBPI-1 |
| Observed Band | 24kD |
| Cell Pathway | Cytoplasm . |
| Tissue Specificity | Detected in colon, intestine, kidney and brain cortex. |
| Function | function:Inhibitor of PPP1CA. Has inhibitory activity only when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.,PTM:Phosphorylated on several residues.,similarity:Belongs to the PP1 inhibitor family.,tissue specificity:Detected in colon, intestine, kidney and brain cortex., |
| Background | Protein phosphatase-1 (PP1; see MIM 176875) is a major cellular phosphatase that reverses serine/threonine protein phosphorylation. PPP1R14D is a PP1 inhibitor that itself is regulated by phosphorylation (Liu et al., 2004 [PubMed 12974676]).[supplied by OMIM, Feb 2010], |

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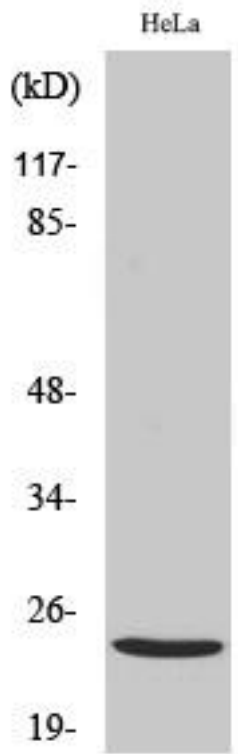
matters needing attention

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



Western Blot analysis of various cells using PPP1R14D Monoclonal Antibody

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