

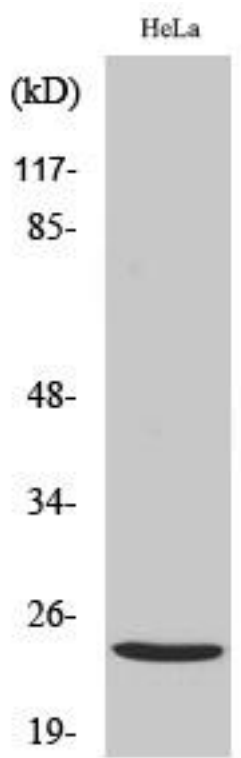


PPP1R14D Monoclonal Antibody

Catalog No	YP-mAb-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 1:500-1:2000
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],
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