CC14B Polyclonal Antibody

Catalog No	YP-Ab-06665
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CDC14B
Protein Name	Dual specificity protein phosphatase CDC14B (EC 3.1.3.16) (EC 3.1.3.48) (CDC14 cell division cycle 14 homolog B)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 407-457
Specificity	CC14B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	54kD
Cell Pathway	Nucleus, nucleolus. Nucleus, nucleoplasm. Following DNA damage, translocates from the nucleolus to the nucleoplasm and interacts with FZR1/CDH1.
Tissue Specificity	Placenta,Uterus,
Function	catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,domain:Composed of two structurally equivalent A and B domains that adopt a dual specificity protein phosphatase (DSP) fold.,function:Dual-specificity phosphatase. Preferentially dephosphorylates proteins modified by proline-directed kinases.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class CDC14 subfamily.,subcellular location:Nucleolar during interphase.,
Background	cell division cycle 14B(CDC14B) Homo sapiens The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to Saccharomyces cerevisiae Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which suggests the role in cell cycle control. This protein has been shown to interact with and dephosphorylates tumor suppressor protein p53, and is thought

	to regulate the function of p53. Alternative splice of this gene results in 3 transcript variants encoding distinct isoforms. [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.

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