

Mouse Cdk14 Antibody(N-term)

Catalog_no :	AB1918
Applications :	WB
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:45-72
Specificity :	This Mouse Cdk14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-72 amino acids from the N-terminal region of mouse Cdk14.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Cyclin-dependent kinase 14, Cell division protein kinase 14, Serine/threonine-protein kinase PFTAIRES-1, Cdk14, Kiaa0834, Pftk1
Isotype :	Rabbit Ig
Background :	Serine/threonine-protein kinase involved in the control of the eukaryotic cell cycle, whose activity is controlled by an associated cyclin. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by mediating the phosphorylation of LRP6 at 'Ser-1490', leading to the activation of the Wnt signaling pathway. Acts as a regulator of cell cycle progression and cell proliferation via its interaction with CCND3. Phosphorylates RB1 in vitro, however the relevance of such result remains to be confirmed in vivo. May also play a role in meiosis, neuron differentiation and may indirectly act as a negative regulator of insulin-responsive glucose transport (By similarity).
reference :	Quina, L.A., et al. J. Neurosci. 29(45):14309-14322(2009) Jiang, M., et al. FEBS Lett. 583(13):2171-2178(2009) Jones, B.C., et al. Am. J. Physiol. Regul. Integr. Comp. Physiol. 293 (1), R116-R124 (2007) : Visel, A., et al. Nucleic Acids Res. 32 (DATA