

## Mouse Dyrk2 Antibody (C-term)

Catalog_no :	AB1272
Applications :	WB
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:521-549
Specificity :	This Mouse Dyrk2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 521-549 amino acids from the C-terminal region of mouse Dyrk2.
Dilution :	IHC-P,1:100;WB,1:2000;WB,1:8000;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 :	Dual specificity tyrosine-phosphorylation-regulated kinase 2, Dyrk2 {ECO:0000312   MGI:MGI:1330301}
Isotype :	Rabbit Ig
Background :	Role in the regulation of cellular growth and/or development. Regulates TP53 by phosphorylation on Ser-46 to induce apoptosis in response to DNA damage, functioning downstream of ATM. Inactivates GYS1 by phosphorylation at Ser-641, and potentially also a second phosphorylation site, thus regulating glycogen synthesis. Phosphorylates EIF2B5 at Ser-544, enabling its subsequent phosphorylation and inhibition by GSK3, and may play a more general role in the priming of GSK3 substrates (By similarity).
reference :	Guo, X., et al. J. Biol. Chem. 285(17):13223-13232(2010) Kudo, L.C., et al. Cereb. Cortex 17(9):2108-2122(2007) Blackshaw, S., et al. PLoS Biol. 2 (9), E247 (2004) : Clark, A.G., et al. Science 302(5652):1960-1963(2003) Geiger, J.N., et al. Blood 97(