

AP51349PU-N**Polyclonal Antibody to DYRK1B (Center) - Aff - Purified**

Alternate names:	Dual specificity tyrosine-phosphorylation-regulated kinase 1B, MIRK, Minibrain-related kinase, Mirk protein kinase
Quantity:	0.4 ml
Concentration:	lot specific
Background:	DYRK1B is a member of the DYRK family of protein kinases. DYRK1B contains a bipartite nuclear localization signal and is found mainly in muscle and testis. The protein is proposed to be involved in the regulation of nuclear functions. Three isoforms of DYRK1B have been identified differing in the presence of two alternatively spliced exons within the catalytic domain. [provided by RefSeq].
Uniprot ID:	Q9Y463
NCBI:	NP_004705
GeneID:	9149
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 376-405 amino acids from the Central region of Human DYRK1B
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human DYRK1B (Center).
Add. Information:	Molecular Weight: 69198 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Lauth, M., et al. Nat. Struct. Mol. Biol. 17(6):718-725(2010) Yang, C., et al. Carcinogenesis 31(4):552-558(2010) Jin, K., et al. J. Biol. Chem. 284(34):22916-22925(2009) Deng, X., et al. Cancer Res. 69(8):3317-3324(2009) Janumyan, Y., et al. J. Biol. Chem. 283(49):34108-34120(2008).

Pictures:

Western blot analysis of DYRK1B Antibody (Center) Cat.-No AP51349PU-N in 293 cell line lysates (35ug/lane). This demonstrates the DYRK1B antibody detected the DYRK1B protein (arrow

