

产品名称: Dyrk1B Rabbit Polyclonal Antibody
产品货号: APRab10236



产品概述 (Summary)

产品名称 (Production Name)	Dyrk1B Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DYRK1B
别名 (Alternative Names)	DYRK1B; MIRK; Dual specificity tyrosine-phosphorylation-regulated kinase 1B; Minibrain-related kinase; Mirk protein kinase
基因 ID (Gene ID)	9149.0
蛋白 ID (SwissProt ID)	Q9Y463.The antiserum was produced against synthesized peptide derived from human DYRK1B. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	70kDa

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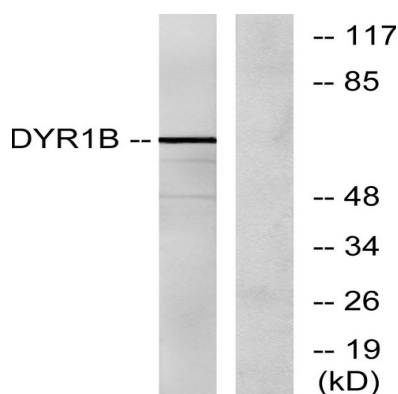


研究背景 (Background)

This gene encodes a member of a family of nuclear-localized protein kinases. The encoded protein participates in the regulation of the cell cycle. Expression of this gene may be altered in tumor cells, and mutations in this gene were found to cause abdominal obesity-metabolic syndrome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014], catalytic activity: ATP + a protein = ADP + a phosphoprotein., enzyme regulation: Inhibited by RANBP9., function: Dual-specificity kinase which possesses both serine/ threonine and tyrosine kinase activities. Enhances the transcriptional activity of TCF1/HNF1A and FOXO1. Inhibits epithelial cell migration. Mediates colon carcinoma cell survival in mitogen-poor environments., PTM: Autophosphorylated on tyrosine residues. Phosphorylated by MAP kinase. Tyrosine phosphorylation may be required for dimerization., similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily., similarity: Contains 1 protein kinase domain., subunit: Dimer. Interacts with DCOHM, MAP2K3/MKK3, RANBP9 and TCF1/HNF1A. Part of a complex consisting of RANBP9, RAN, DYRK1B and COPS5., tissue specificity: Highest expression in skeletal muscle, testis, heart and brain with little expression in colon or lung. Expressed in a variety of tumor cell lines.,

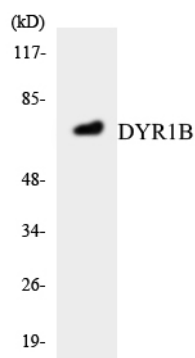
研究领域 (Research Area)

图片 (Image Data)

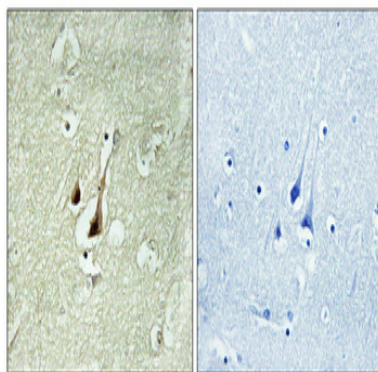


Western blot analysis of lysates from Jurkat cells, using Dyrk1B Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from COLO205 cells using Dyrk1B antibody.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .