

DYRK1A/B Rabbit pAb

CatalogNo: YT7993

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 84kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human DYRK1A/B

Specificity This antibody detects endogenous levels of DYRK1A/B at Human, Mouse, Rat

| Target Information

Gene name DYRK1A DYRK MNB MNBH

Protein Name	DYRK1A/B		
	Organism	Gene ID	UniProt ID
	Human	1859;	Q13627;
	Mouse	13548;	Q61214;
	Rat	25255;	Q63470;
Cellular Localization	Nucleus . Nucleus speckle .		
Tissue specificity	Ubiquitous. Highest levels in skeletal muscle, testis, fetal lung and fetal kidney.		
Function	Alternative products:Additional isoforms seem to exist,Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,developmental stage:Expressed in the developing central nervous system.,Disease:Overexpressed 1.5-fold in fetal Down syndrome brain.,enzyme regulation:Inhibited by RANBP9.,Function:May play a role in a signaling pathway regulating nuclear functions of cell proliferation. Phosphorylates serine, threonine and tyrosine residues in its sequence and in exogenous substrates.,PTM:Autophosphorylated on tyrosine residues.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts RAD54L2/ARIP4 (By similarity). Interacts with RANBP9.,tissue specificity:Ubiquitous. Highest levels in skeletal muscle, testis, fetal lung and fetal kidney.,		

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
DYRK1A/B Rabbit pAb