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## anti-DYRK2 antibody (AA 105-135)



Image



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Quantity:	400 μL
Target:	DYRK2
Binding Specificity:	AA 105-135
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	This DYRK2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 105-135 amino acids from human DYRK2.	
Clone:	492CT4-2-4	
Isotype:	lgG1	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	

### Target Details

Target:	DYRK2
Alternative Name:	DYRK2 (DYRK2 Products)
Background:	DYRK2 belongs to a family of protein kinases whose members are presumed to be involved in
	cellular growth and/or development. The family is defined by structural similarity of their kinase

#### **Target Details**

Molecular Weight:

Gene ID:

domains and their capability to autophosphorylate on tyrosine residues. DYRK2 has demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro. Two isoforms of DYRK2 have been isolated. The predominant isoform, isoform 1, lacks a 5' terminal insert.

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NP\_003574, NP\_006473

NCBI Accession: NP\_003574, NP\_006473

UniProt: Q92630

Pathways: Regulation of Carbohydrate Metabolic Process

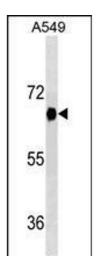
#### **Application Details**

Application Notes: WB: 1:100~500

Restrictions: For Research Use only

#### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	DYRK2 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



#### **Western Blotting**

**Image 1.** DYRK2 Antibody (ABIN1539912 and ABIN2843861) western blot analysis in A549 cell line lysates (35  $\mu$ g/lane).This demonstrates the DYRK2 antibody detected the DYRK2 protein (arrow).