

# DYRK2 Rabbit pAb

Catalog No.: A24467

## Basic Information

### Observed MW

66kDa

### Calculated MW

59kDa/66kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Rat

## 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 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.

## Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

8445

### Swiss Prot

Q92630

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 500-600 of human DYRK2.

### Synonyms

DYRK2; dual specificity tyrosine-phosphorylation-regulated kinase 2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

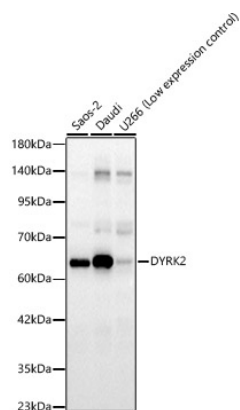
Affinity purification

### Storage

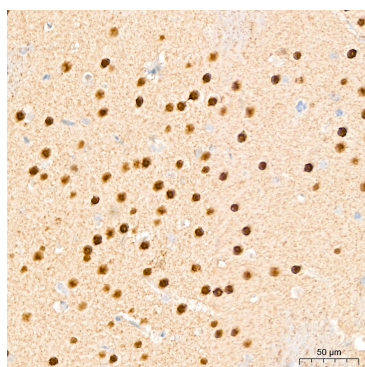
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

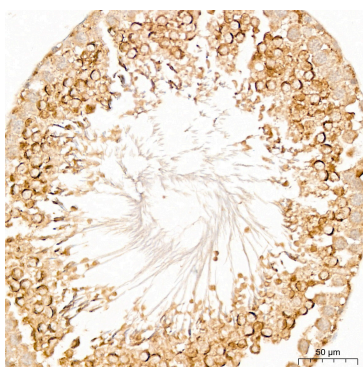
## Validation Data



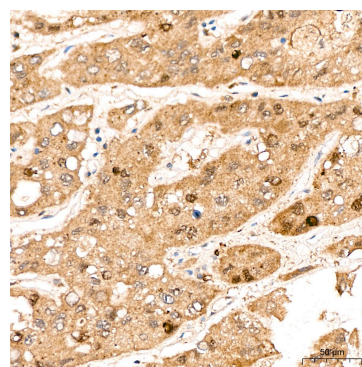
Western blot analysis of various lysates, using DYRK2 Rabbit pAb (A24467) at 1:700 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 60s.



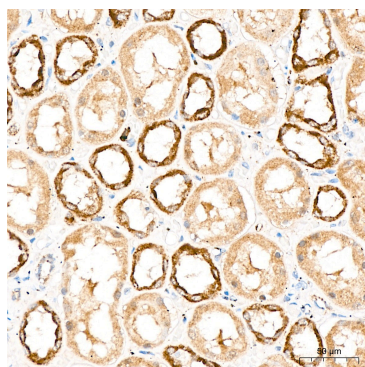
Immunohistochemistry analysis of DYRK2 in paraffin-embedded Rat brain tissue using DYRK2 Rabbit pAb (A24467) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of DYRK2 in paraffin-embedded Rat testis tissue using DYRK2 Rabbit pAb (A24467) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of DYRK2 in paraffin-embedded Human liver cancer tissue using DYRK2 Rabbit pAb (A24467) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of DYRK2 in paraffin-embedded Human kidney tissue using DYRK2 Rabbit pAb (A24467) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.