

For Research Use Only

# DYRK4 Polyclonal antibody

Catalog Number: 12890-2-AP



## Basic Information

<b>Catalog Number:</b> 12890-2-AP	<b>GenBank Accession Number:</b> BC031244	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 220 µg/ml	<b>GeneID (NCBI):</b> 8798	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NR20	
<b>Isotype:</b> IgG	<b>Full Name:</b> dual-specificity tyrosine-(Y)- phosphorylation regulated kinase 4	
<b>Immunogen Catalog Number:</b> AG3515	<b>Calculated MW:</b> 520 aa, 60 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: mouse lung tissue, human brain tissue, Jurkat cells, mouse testis tissue, U-937 cells

IHC: human lymphoma tissue,

## Background Information

Dual-specificity tyrosine phosphorylation regulated kinase 4(DYRK4), belongs to a conserved family of serine/threonine protein kinases. DYRK4 is thought to function in the regulation of cell differentiation and proliferation, survival, and in development. DYRK4 has 5 isoforms with molecular weight of 59, 72 and 73 kDa.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

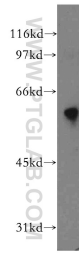
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

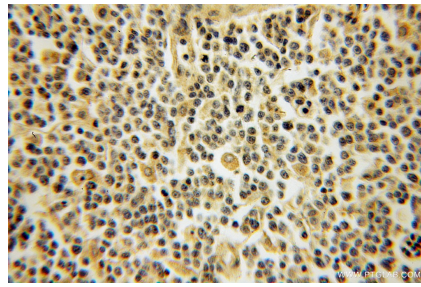
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 12890-2-AP (DYRK4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 12890-2-AP (DYRK4 antibody) at dilution of 1:100 (under 10x lens).