

# DYRK4 Polyclonal antibody

Catalog Number: 12890-2-AP

## Basic Information

**Catalog Number:**

12890-2-AP

**Size:**

220 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3515

**GenBank Accession Number:**

BC031244

**GeneID (NCBI):**

8798

**UNIPROT ID:**

Q9NR20

**Full Name:**

dual-specificity tyrosine-(Y)-  
phosphorylation regulated kinase 4

**Calculated MW:**

520 aa, 60 kDa

**Observed MW:**

60 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2400

IHC 1:20-1:200

## 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:**

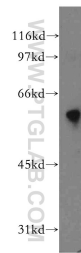
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

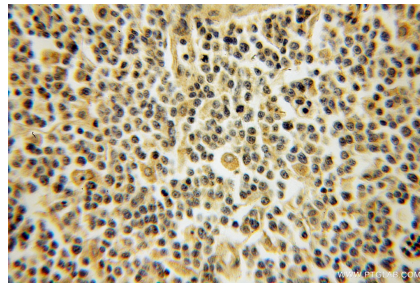
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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).