

For Research Use Only

DYRK4 Polyclonal antibody

Catalog Number: 12890-2-AP



Basic Information

Catalog Number:

12890-2-AP

Size:

150ul, Concentration: 220 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, 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

*** 20ul sizes contain 0.1% BSA

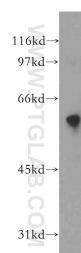
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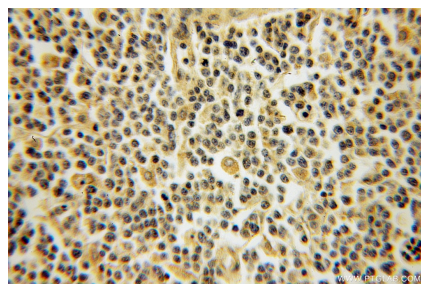
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Selected Validation Data



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).