For Research Use Only

DYRK4 Polyclonal antibody

Catalog Number:12890-2-AP

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Basic Information

Catalog Number:
12890-2-AP

Size:
150ul , Concentration: 300 ug/ml by Nanodrop;

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

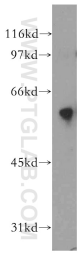
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

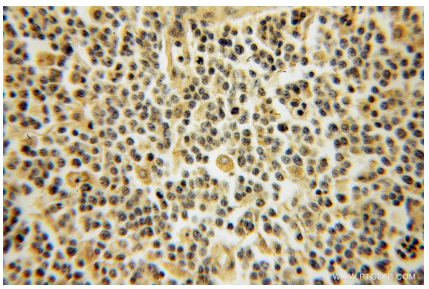
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).