

PYK2 Polyclonal antibody

Catalog Number: 10044-2-AP

1 Publications

Basic Information

Catalog Number:

10044-2-AP

Size:

150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0002

GenBank Accession Number:

BC036651

GeneID (NCBI):

2185

UNIPROT ID:

Q14289

Full Name:

PTK2B protein tyrosine kinase 2 beta

Calculated MW:

120 kDa

Observed MW:

116 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

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 brain tissue, Jurkat cells

IHC : human medulloblastoma tissue, human kidney tissue

Background Information

Proline-rich tyrosine kinase 2 (Pyk2; also known as CAK, RAFTK and CADTK) is a cytoplasmic tyrosine kinase implicated to play a role in several intracellular signaling pathways. It is expressed in many cells and tissues and migrated as a 130 kDa band in Western Blotting analysis.

Notable Publications

Author	Pubmed ID	Journal	Application
L Yang	28983639	Herz	WB

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

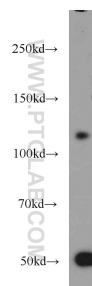
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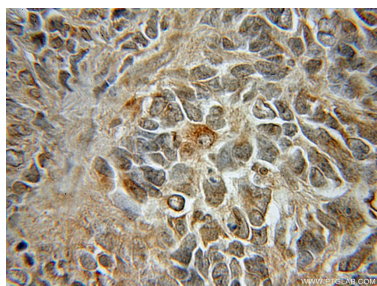
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10044-2-AP (PYK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human medulloblastoma using 10044-2-AP (PYK2 antibody) at dilution of 1:50 (under 10x lens).