

For Research Use Only

PYK2 Polyclonal antibody

Catalog Number: 10044-2-AP **1 Publications**



Basic Information

Catalog Number: 10044-2-AP	GenBank Accession Number: BC036651	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 2185	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q14289	
Isotype: IgG	Full Name: PTK2B protein tyrosine kinase 2 beta	
Immunogen Catalog Number: AG0002	Calculated MW: 120 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse brain tissue, Jurkat cells
Cited Applications: WB	IHC : human medulloblastoma tissue, human kidney tissue
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	

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

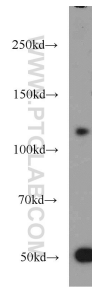
Storage

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

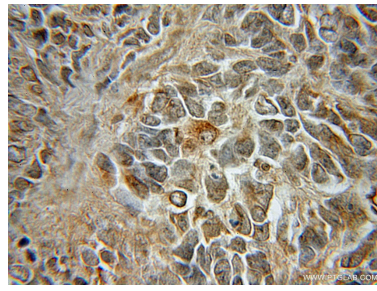
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).