

For Research Use Only

PYK2 Recombinant monoclonal antibody

Catalog Number: 87746-1-RR



Basic Information

Catalog Number: 87746-1-RR	GenBank Accession Number: BC042599	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2185	CloneNo.: 253299F11
Source: Rabbit	UNIPROT ID: Q14289	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: PTK2B protein tyrosine kinase 2 beta	
Immunogen Catalog Number: AG11487	Calculated MW: 1009 aa, 116 kDa	
	Observed MW: 112-115 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Ramos cells, K-562 cells, A549 cells, Jurkat cells, mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

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. The size of PYK2 is 115 kDa, and it expressed in many cells and tissues and migrated as a 130 kDa band, but several lower molecular weight bands (75 kDa, 80 kDa, and 97 kDa) were seen in Western Blotting analysis, possibly due to proteolytic degradation.

Storage

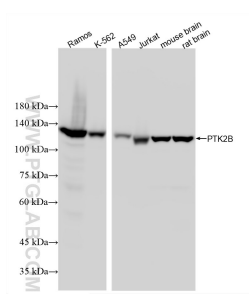
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87746-1-RR (PYK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.