

For Research Use Only

PCTAIRE3 Polyclonal antibody

Catalog Number: 12207-1-AP



Basic Information

Catalog Number: 12207-1-AP	GenBank Accession Number: BC011526	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5129	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	Full Name: PCTAIRE protein kinase 3	
Isotype: IgG	Calculated MW: 472 aa, 54 kDa	
Immunogen Catalog Number: AG2851	Observed MW: 54 kDa, 58 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HEK-293 cells, mouse brain tissue IF : HEK-293 cells,
Species Specificity: human, mouse	

Background Information

PCTAIRE3 (PCTAIRE-motif protein kinase 3), also named CDK18 or PCTK3, is a member of PCTAIRE subfamily. The PCTAIRE kinase (PCTK) subfamily of CDKs includes three members, PCTK1/CDK16, PCTK2/CDK17, and PCTK3/CDK18, which contain the PCTAIRE sequence instead of the PSTAIRE sequence (PMID: 24831015). PCTK3 has three isoforms with the molecular mass of 54-58kD.

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

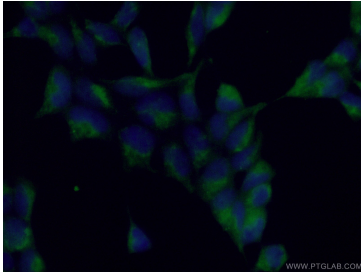
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

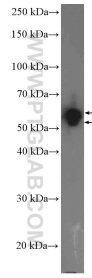
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using 12207-1-AP (PCTAIRE3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12207-1-AP (PCTAIRE3 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.