

For Research Use Only

PPP3CC-specific Polyclonal antibody

Catalog Number: 55163-1-AP **2 Publications**



Basic Information

Catalog Number: 55163-1-AP	GenBank Accession Number: NM_005605	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5533	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P48454	
Isotype: IgG	Full Name: protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform	
	Calculated MW: 58 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : fetal human brain tissue, human brain tissue, human testis tissue IHC : human stomach tissue, IF/ICC : U2OS cells,
Cited Applications: WB, IHC	
Species Specificity: human, mouse	
Cited Species: human, 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

PPP3CC, also named as CALNA3 and CNA3, belongs to the PPP phosphatase family and PP-2B subfamily. It is a calcium-dependent, calmodulin-stimulated protein phosphatase. It may have a role in the calmodulin activation of calcineurin. This antibody is specific to PPP3CC.

Notable Publications

Author	Pubmed ID	Journal	Application
Hong Cao	35235867	Acta Biomater	WB
Yan Fang	39127651	BMC Pregnancy Childbirth	IHC

Storage

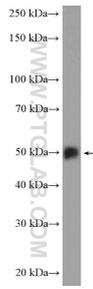
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

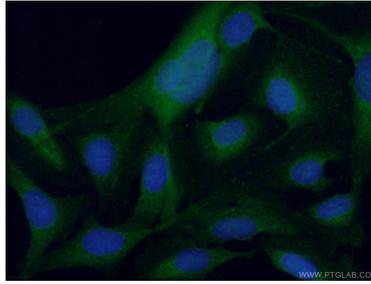
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

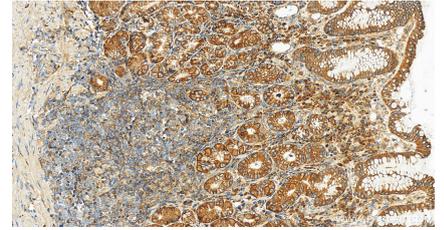
Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 55163-1-AP (PPP3CC-specific antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 55163-1-AP (PPP3CC-specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 55163-1-AP (PPP3CC-specific antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).