

For Research Use Only

TFAP2C/AP2 gamma Recombinant antibody

Catalog Number: 86365-1-RR



Basic Information

Catalog Number: 86365-1-RR	GenBank Accession Number: BC035664	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7022	CloneNo.: 250904E9
Source: Rabbit	UNIPROT ID: Q92754	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:400-1:1600
Isotype: IgG	Full Name: transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	
Immunogen Catalog Number: AG5648	Calculated MW: 49 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : MCF-7 cells, PC-3 cells, SK-BR-3 cells, A431 cells IF/ICC : MCF-7 cells,

Background Information

TFAP2C (Transcription Factor AP-2 Gamma) is a member of the AP-2 transcription factor family, which plays a crucial role in early embryonic development, specifically in regulating the development of trophoblast cells and maintaining pluripotency. TFAP2C is known to regulate transcription by opening enhancers and is associated with a set of enhancers present in human embryos. It also functions as a regulator of both inner cell mass and trophoblast differentiation, and controls the expression of cell-polarity genes. This protein binds to specific DNA sequences to activate or repress target genes, making it a key player in cellular processes and a potential therapeutic target in oncology research.

Storage

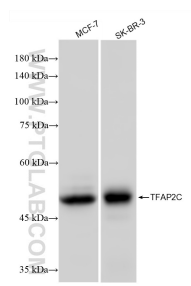
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

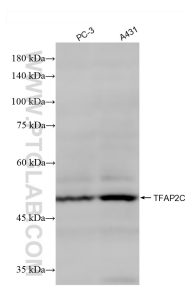
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

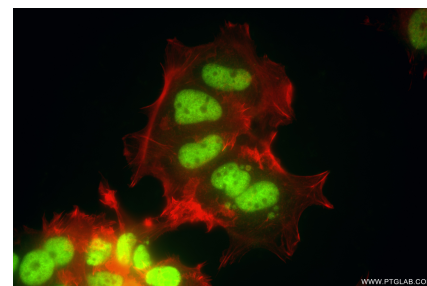
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86365-1-RR (TFAP2C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TFAP2C antibody (86365-1-RR, Clone: 250904E9) at dilution of 1:800 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).