

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;	GenID (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:	WB : MCF-7 cells, PC-3 cells, SK-BR-3 cells, A431 cells
Species Specificity:	human	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 trophectoderm 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

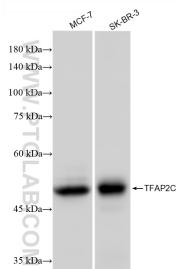
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

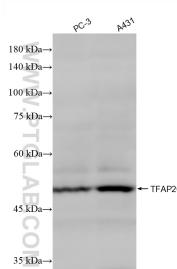
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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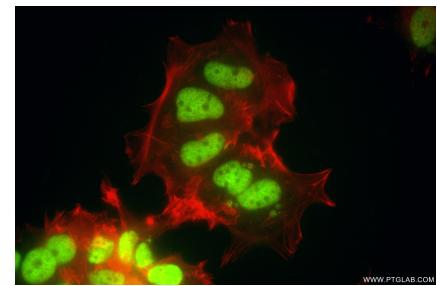
Selected Validation Data



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).