

For Research Use Only

TFAP2C/AP2 gamma Recombinant antibody, PBS Only

Catalog Number: 86365-1-PBS



Basic Information

| | | | | | |
|---------------------------|--|---------------------------|---|----------------------|------------------------|
| Catalog Number: | 86365-1-PBS | GenBank Accession Number: | BC035664 | Purification Method: | Protein A purification |
| Size: | 100ug, Concentration: 1 mg/ml by Nanodrop; | GenID (NCBI): | 7022 | CloneNo.: | 250904E9 |
| Source: | Rabbit | UNIPROT ID: | Q92754 | | |
| 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, Indirect ELISA

Species Specificity:
human

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

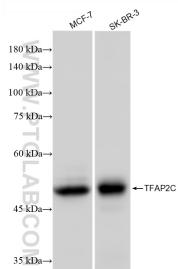
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

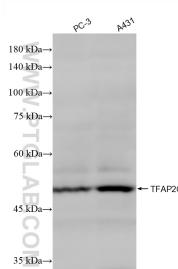
E: proteintech@ptglab.com
W: ptglab.com

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

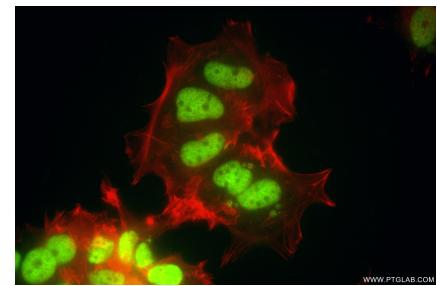
Selected Validation Data



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. This data was developed using the same antibody clone with 86365-1-PBS in a different storage buffer formulation.



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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). This data was developed using the same antibody clone with 86365-1-PBS in a different storage buffer formulation.