

For Research Use Only

TFAP2C/AP2 gamma Recombinant antibody, PBS Only

Catalog Number: 86365-1-PBS



Basic Information

Catalog Number:

86365-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5648

GenBank Accession Number:

BC035664

GeneID (NCBI):

7022

UNIPROT ID:

Q92754

Full Name:

transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)

Calculated MW:

49 kDa

Observed MW:

48-50 kDa

Purification Method:

Protein A purification

CloneNo.:

250904E9

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 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 -80°C.

Storage Buffer:

PBS only, pH7.3

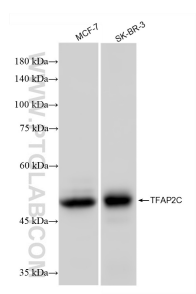
For technical support and original validation data for this product please contact:

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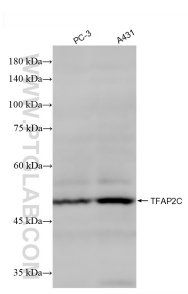
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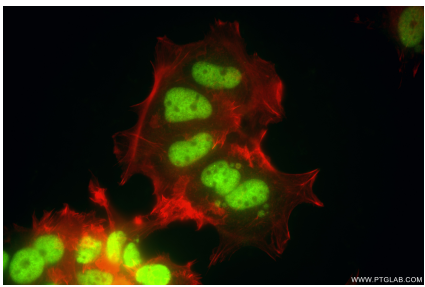
Selected Validation Data



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. 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.