10320 Camino Santa Fe, Suite G
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TFAP2C / AP2 Gamma Antibody (C-Terminus)

Goat Polyclonal Antibody
Catalog # ALS12452

Specification

TFAP2C / AP2 Gamma Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q92754
Reactivity	**Human, Rabbit, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

TFAP2C / AP2 Gamma Antibody (C-Terminus) - Additional Information

Gene ID 7022

Other Names
Transcription factor AP-2 gamma, AP2-gamma, Activating enhancer-binding protein 2 gamma, Transcription factor ERF-1, TFAP2C

Target/Specificity
Human TFAP2C / AP2 Gamma.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
TFAP2C / AP2 Gamma Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TFAP2C / AP2 Gamma Antibody (C-Terminus) - Protein Information

Name TFAP2C

Function
Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.

Cellular Location
Nucleus.

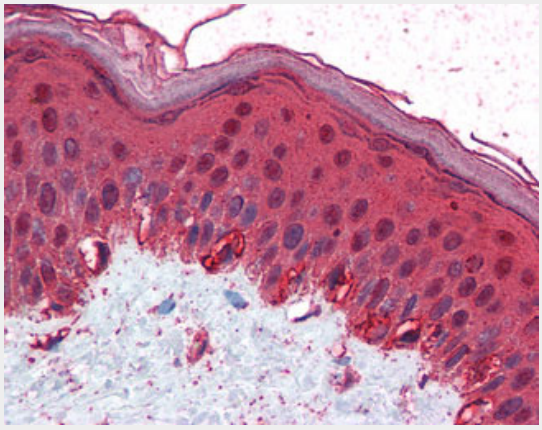
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TFAP2C / AP2 Gamma Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFAP2C / AP2 Gamma Antibody (C-Terminus) - Images



Anti-TFAP2C / AP2 Gamma antibody IHC of human skin.

TFAP2C / AP2 Gamma Antibody (C-Terminus) - Background

Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.

TFAP2C / AP2 Gamma Antibody (C-Terminus) - References

Williamson J.A.,et al.Genomics 35:262-264(1996).
McPherson L.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:4342-4347(1997).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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