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Anti-TFAP2A / AP-2 Antibody (clone 2G5)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17688

Specification

Anti-TFAP2A / AP-2 Antibody (clone 2G5) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P05549
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**48062**
Dilution	**WB~~1:1000** **IHC-P~~N/A** **E~~N/A**

Anti-TFAP2A / AP-2 Antibody (clone 2G5) - Additional Information

Gene ID 7020

Alias Symbol **TFAP2A**

Other Names
TFAP2A, Activator protein 2, AP-2, AP-2a, AP2TF, AP-2alpha, BOFS, TFAP2, Transcription factor AP-2, AP-2 transcription factor, AP2-alpha

Target/Specificity
Human TFAP2A

Reconstitution & Storage
Protein A purified

Precautions
Anti-TFAP2A / AP-2 Antibody (clone 2G5) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-TFAP2A / AP-2 Antibody (clone 2G5) - Protein Information

Name TFAP2A

Synonyms AP2TF, TFAP2

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. AP-2-alpha is the only

AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region.

Cellular Location
Nucleus.

Anti-TFAP2A / AP-2 Antibody (clone 2G5) - 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

Anti-TFAP2A / AP-2 Antibody (clone 2G5) - Images