

AP2 alpha Antibody

Rabbit mAb Catalog # AP92381

Specification

AP2 alpha Antibody - Product Information

Application WB, IHC, FC, ICC, IP

Primary Accession P05549
Reactivity Rat

Clonality Monoclonal

Other Names

AP 2alpha; AP-2; AP2; AP2TF; BOFS; TFAP2; TFAP2A;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 48062 Da

AP2 alpha Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

AP2 alpha

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

AP2 alpha Antibody - 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.

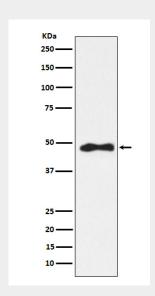
Cellular Location Nucleus.

AP2 alpha Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

AP2 alpha Antibody - Images



Western blot analysis of AP2 alpha expression in Hela cell lysate.