

AP2C Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50077

Specification

AP2C Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q92754 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 49 KDa |
| Antigen Region | 420-448 |

AP2C Antibody - 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

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

AP2C Antibody - 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

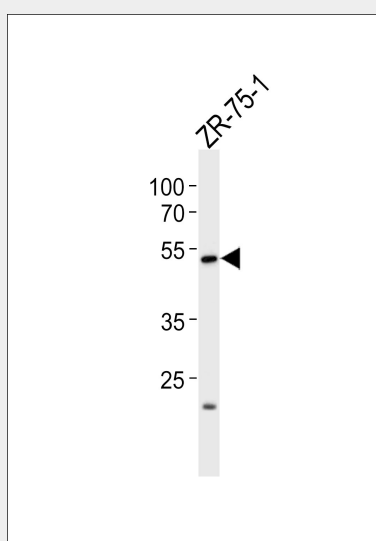
Nucleus.

AP2C Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AP2C Antibody - Images



Western blot analysis of lysate from ZR-75-1 cell line, using AP2C Antibody (C11429). C11429 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

AP2C Antibody - 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.

AP2C Antibody - 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).
Haselton M.D., et al. Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.
Deloukas P., et al. Nature 414:865-871 (2001).
Nishizawa M., et al. Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.