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## anti-TFAP2C antibody (AA 8-180)

3 Images



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Quantity:	100 μg
Target:	TFAP2C
Binding Specificity:	AA 8-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2C antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Transcription factor AP-2 gamma protein (8-180AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TFAP2C
Alternative Name:	TFAP2C (TFAP2C Products)
Background:	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.

Aliases: Activating enhancer binding protein 2 gamma antibody, Activating enhancer-binding protein 2 gamma antibody, AP2-gamma antibody, AP2C\_HUMAN antibody, AP2g antibody, AP2gamma antibody, ERF 1 antibody, ERF1 antibody, Estrogen receptor factor 1 antibody, hAP 2g antibody, hAP2g antibody, TFAP 2C antibody, TFAP 2G antibody, Tfap2c antibody, TFAP2G antibody, Transcription factor AP 2 gamma (activating enhancer binding protein 2 gamma) antibody, Transcription factor AP 2 gamma antibody, Transcription factor AP-2 gamma antibody, Transcription factor ERF1 antibody, Transcription factor ERF1 antibody

UniProt: Q92754

Pathways: Stem Cell Maintenance

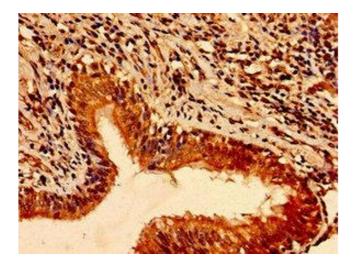
## **Application Details**

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

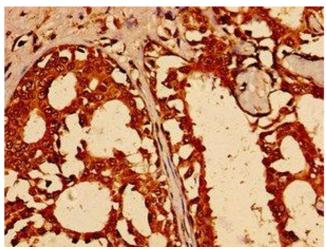
### Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



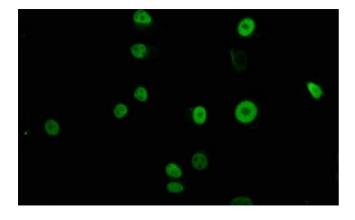
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7172475 at dilution of 1:100



#### **Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7172475 at dilution of 1:100



#### **Immunofluorescence**

**Image 3.** Immunofluorescence staining of MCF-7 cells with ABIN7172475 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).