



AP-2 γ Rabbit mAb

Catalog No	YP-rAb-17097
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	TFAP2C
Protein Name	Transcription factor AP-2 gamma
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	AP-2 γ ;Transcription factor AP-2 gamma;TFAP2C ; Transcription factor AP-2 gamma ; AP2-gamma ; Activating enhancer-binding protein 2 gamma ; Transcription factor ERF-1;TFAP2C
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Nucleus .
Tissue Specificity	Liver,Mammary tumor,Ovary,Skin,
Function	Domain:The WW-binding motif mediates interaction with WWOX.,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.,induction:During retinoic acid-mediated differentiation.,online information:Activatin protein 2 entry,PTM:Sumoylated on Lys-10; which inhibits transcriptional activity.,similarity:Belongs to the AP-2 family.,subunit:Binds DNA as a dimer. Can form homodimers or heterodimers with other AP-2 family members (By similarity). Interacts with WWOX. Interacts with CITED4. Interacts



with UBE2L.

Background

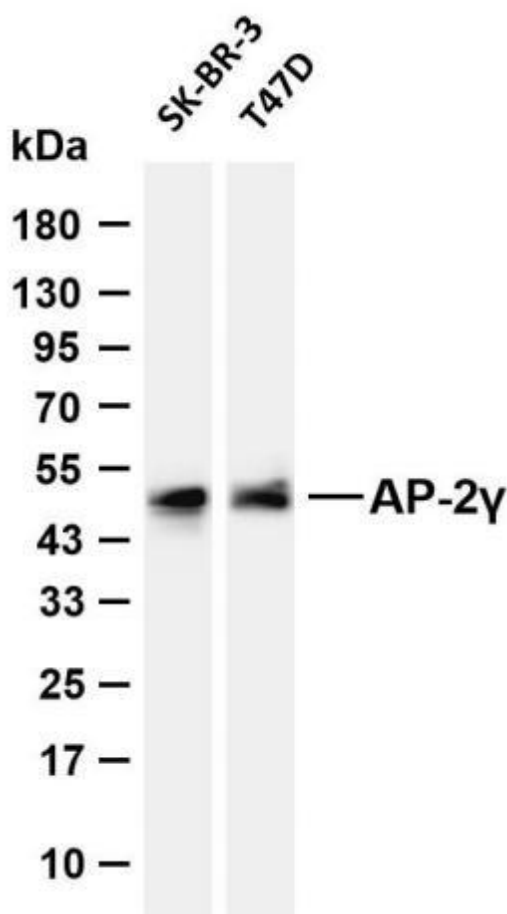
transcription factor AP-2 gamma(TFAP2C) Homo sapiens The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

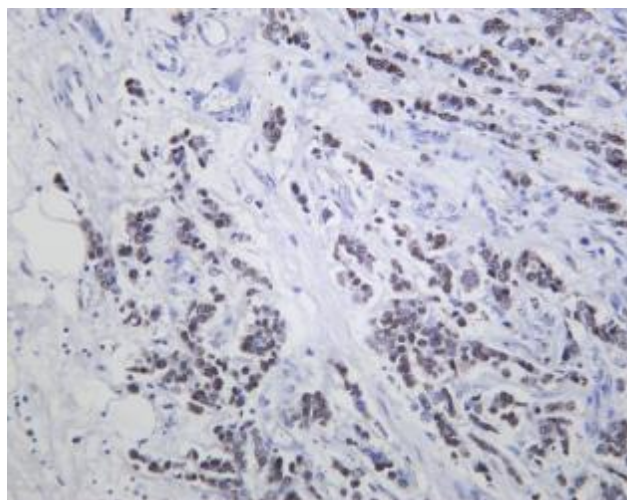
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-AP-2 γ antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SK-BR-3 Lane 2: T47D Predicted band size: 49kDa Observed band size: 49kDa





Human breast was stained with anti-AP-2 γ Rabbit antibody

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