

AP-2γ Rabbit pAb

CatalogNo: YT0254

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 45kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human AP2C. AA range: 401-450

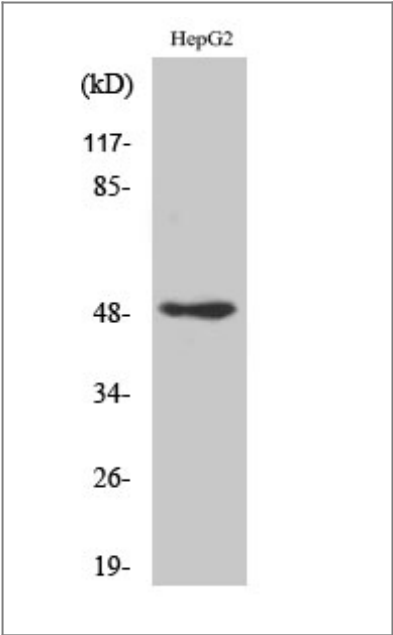
Specificity

AP-2γ Polyclonal Antibody detects endogenous levels of AP-2γ protein.

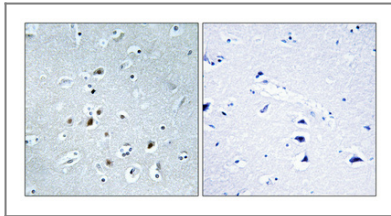
Target Information

Gene name	TFAP2C		
Protein Name	Transcription factor AP-2 gamma		
	Organism	Gene ID	UniProt ID
	Human	7022 ;	Q92754 ;
	Mouse	21420 ;	Q61312 ;
Cellular Localization	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 UBE2I.,		

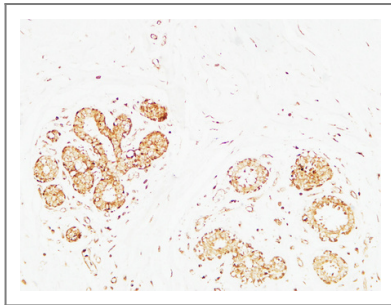
Validation Data



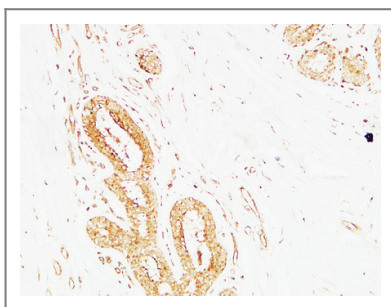
Western Blot analysis of various cells using AP-2γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



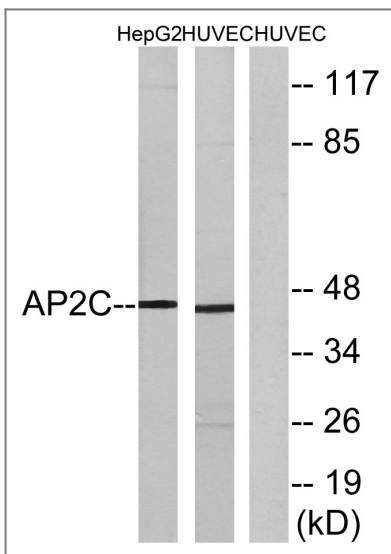
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



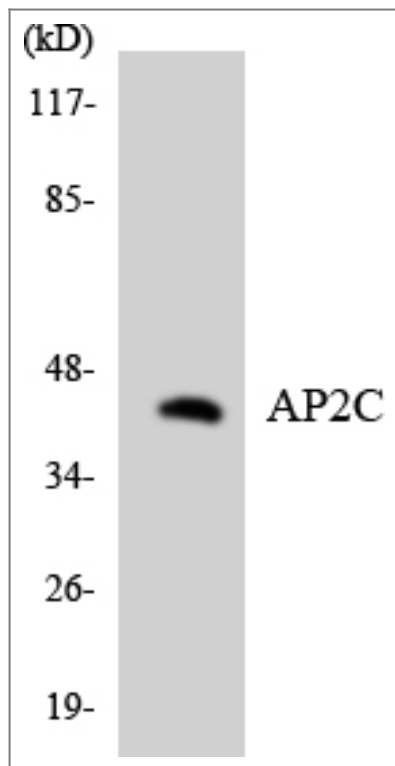
Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Western blot analysis of lysates from HepG2 and HUVEC cells, using AP2C Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using AP2C antibody.

Contact information

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Please scan the QR code
to access additional
product information:
AP-2 γ Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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