

AP-2Gamma Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00500
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AP2C. AA range:401-450
Mol wt	49177
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	AP-2gamma Antibody
Synonyms	TFAP2C; Transcription factor AP-2 gamma; AP2-gamma; Activating enhancer-binding protein 2 gamma; Transcription factor ERF-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by TFAP2C is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein (transcription factor AP-2 gamma) 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.

Recommended Dilution

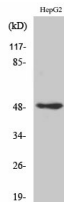
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

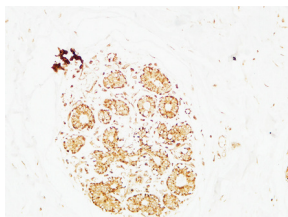
ELISA: 1: 40000

Not yet tested in other applications.

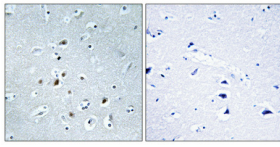
Images



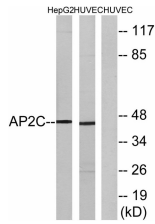
Western Blot analysis of various cells using AP-2 γ Polyclonal Antibody cells nucleus.



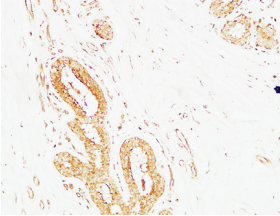
Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



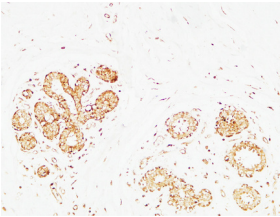
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



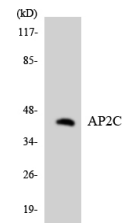
Western blot analysis of lysates from HepG2 and HUVEC cells, using AP2C Antibody. The lane on the right is blocked with the synthesized peptide.



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 the lysates from K562 cells using AP2C antibody.

Storage

-20°C for one year

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