

For Research Use Only

TFAP2C Polyclonal antibody

Catalog Number: 14572-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 14572-1-AP	GenBank Accession Number: BC035664	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7022	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	
Isotype: IgG	Calculated MW: 49 kDa	
Immunogen Catalog Number: AG5648	Observed MW: 50 kDa	

Applications

Tested Applications:
FC, IHC, IP, WB, ELISA

Cited Applications:
ChIP, IHC, WB

Species Specificity:
human

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HeLa cells, human placenta tissue, MCF-7 cells

IP: HeLa cells,

IHC: human breast cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ji Xing	36230734	Cancers (Basel)	WB,IHC
Christopher M Franke	31636386	Oncogene	ChIP
Xingkang Jiang	35402284	Front Oncol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

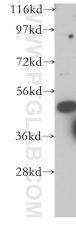
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

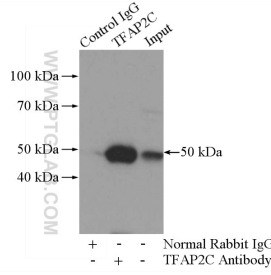
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

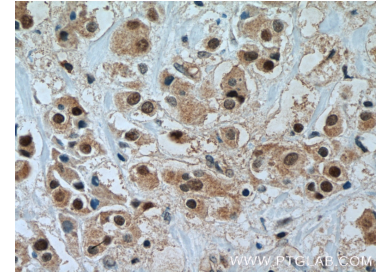
Selected Validation Data



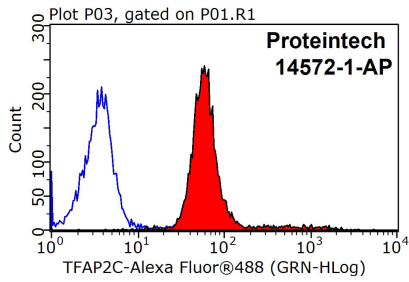
HeLa cells were subjected to SDS PAGE followed by western blot with 14572-1-AP (TFAP2C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-TFAP2C (IP:14572-1-AP, 4ug; Detection:14572-1-AP 1:1000) with HeLa cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14572-1-AP (TFAP2C Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ MCF-7 cells were stained with 0.2ug TFAP2C antibody (14572-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.