

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TFAP2A,AP-2



Numéro de catalogue: 13019-3-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

13019-3-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4112

Numéro d'acquisition GenBank:

BC017754

Identification du gène (NCBI):

7020

Nom complet:

transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)

MW calculé

431 aa, 47 kDa

MW observés:

47 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IF 1:50-1:500

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

ChIP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HepG2, cellules MCF-7, cellules Y79

IF : cellules HepG2,

Informations générales

The activator protein-2 (AP-2) family of transcription factors comprises five 52-kDa isoforms (AP-2 α , AP-2 β , AP-2 γ , AP-2 δ , and AP-2 ϵ), which share a common structure: a proline/glutamine-rich transactivation domain in the N-terminal region and a helix-span-helix domain in the C-terminal region, which mediates dimerization and site-specific DNA binding. Depending on the cellular context, the AP-2 transcription factors are individually associated either with cell differentiation and development or with cancer progression/regression (PMID: 21966377). TFAP2A (AP-2-alpha) is the only AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation (PMID: 11694877).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ming-Xu Qiao	27499261	Oncol Rep	
Zhan-Ping Lu	26073327	Acta Pharmacol Sin	WB, ChIP
Yanlu Xiong	33824285	Cell Death Dis	ChIP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

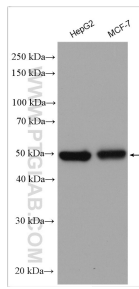
For technical support and original validation data for this product please contact:

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

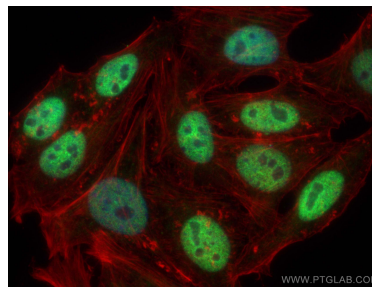
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 13019-3-AP (TFAP2A, AP-2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TFAP2A, AP-2 antibody (13019-3-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).