À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-KAP1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:15202-1-AP Phare 25 Publications

Informations de base

Numéro de catalogue:
15202-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG7350

Numéro d'acquisition GenBank:
BC004978

Identification du gène (NCBI):
10155

Nom complet:
tripartite motif-containing 28

MW calculé
89 kDa

MW observés:
100 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
chIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, porc, singe, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, tissu splénique de rat, tissu testiculaire de souris

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa,

Informations générales

KAP1, also named as TRIM28 or RNF96, is a 835 amino acid protein, which contain one RING-type zinc finger, one PHD-type zinc finger, one bromo domain and two B box-type zinc fingers. KAP1 localizes in the nucleus and Belongs to the TRIM/RBCC family. KAP1 is a nuclear corepressor for KRAB domain-containing zinc finger proteins and mediates gene silencing by recruiting CHD3, a subunit of the nucleosome remodeling and deacetylation (NuRD) complex, and SETDB1 to the promoter regions of KRAB target genes. KAP1 is expressed in all tissues tested including spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes. The calcualted molecular weight of KAP1 is 89 kDa, but modified KAP1 is about 100 kDa. (PMID: 18590578)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yaguang Zhang	36100837	Sci China Life Sci	WB
Min Li	32900933	Proc Natl Acad Sci U S A	chIP
Yanhui Zhai	33539314	Reproduction	IF

Stockage

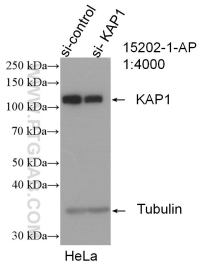
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

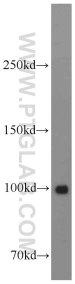
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

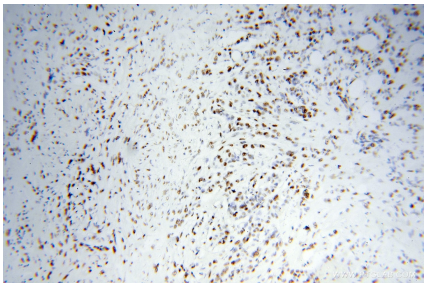
Données de validation sélectionnées



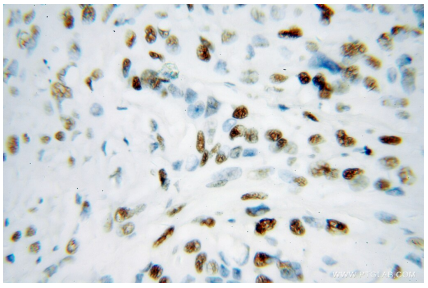
WB result of KAP1 antibody (15202-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KAP1 transfected HeLa cells.



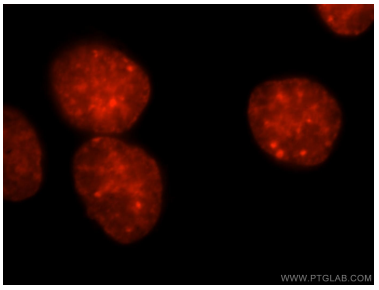
HeLa cells were subjected to SDS PAGE followed by western blot with 15202-1-AP (KAP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



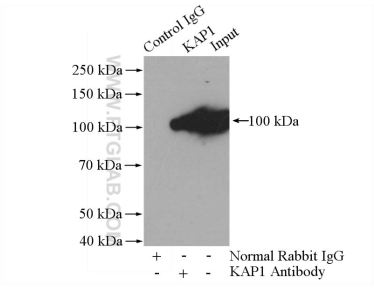
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15202-1-AP (KAP1 antibody) at dilution of 1:100 (under 10x lens).



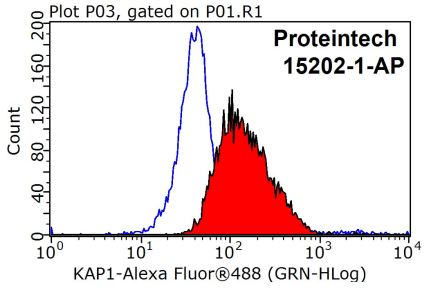
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15202-1-AP (KAP1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of Hela cells, using TRIM28 antibody 15202-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-KAP1 (IP:15202-1-AP, 4ug; Detection:15202-1-AP 1:1000) with HeLa cells lysate 1200ug.



1X10^6 HeLa cells were stained with 0.2ug KAP1 antibody (15202-1-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 1:1000.