À des fins de recherche uniquement

Anticorps Monoclonal anti-KAP1

Numéro de catalogue:66630-1-Ig Phare 8 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
66630-1-Ig

Taille:
150ul , Concentration: 1500 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG7519

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 protéine A

CloneNo.:
1B9G12

Dilutions recommandées:
WB 1:20000-1:100000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:200-1:800
IF 1:50-1:500

Applications

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

Demandes citées:
ChIP, IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, 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, cellules HepG2

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain

IF : cellules HepG2,

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
Guido A Stoll	36341546	EMBO J	IF
Xiancai Ma	30652970	Elife	WB
Qiuyu Tan	36476351	BMC Pulm Med	WB

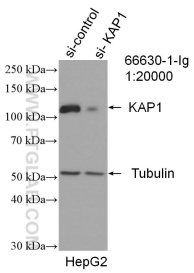
Stockage

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

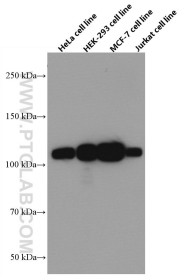
*** Les 20ul contiennent 0,1% de BSA.

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

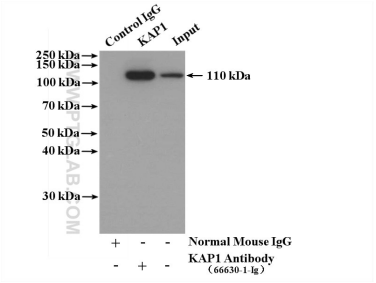
Données de validation sélectionnées



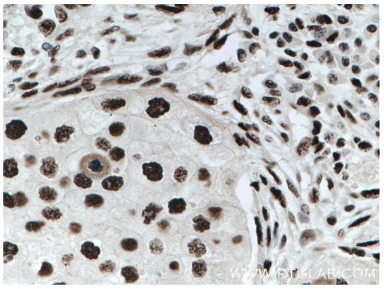
WB result of KAP1 antibody (66630-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KAP1 transfected HepG2 cells.



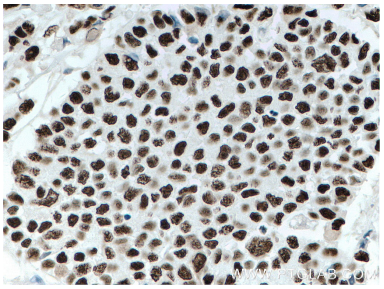
Various lysates were subjected to SDS PAGE followed by western blot with 66630-1-Ig (KAP1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



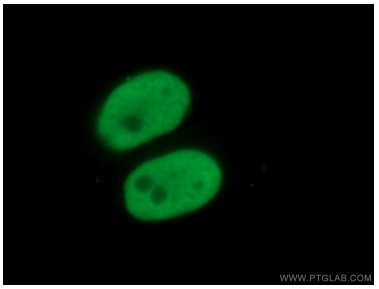
IP result of anti-KAP1 (IP:66630-1-Ig, 5ug; Detection:66630-1-Ig 1:1000) with HeLa cells lysate 4000 ug.



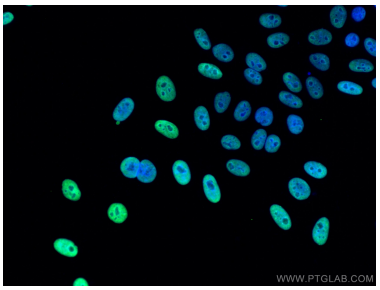
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66630-1-Ig (KAP1 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66630-1-Ig (KAP1 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66630-1-Ig (KAP1 antibody) at dilution of 1:200 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using KAP1 antibody (66630-1-Ig, Clone: 1B9G12) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).