

Nur für Forschungszwecke

KAP1 Monoklonaler Antikörper

Katalog-Nr.:66630-1-Ig

Vorgestelltes Produkt

6 Publikationen



Allgemeine Informationen

Katalog-Nr.:
66630-1-Ig

Größe:
150ul, Konzentration: 1500 µg/ml von10155
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
AG7519

GenBank-Zugangsnummer:
BC004978

GeneID (NCBI):

Vollständiger Name:
tripartite motif-containing 28

Berechnete Masse:
89 kDa

Beobachtete Masse:
100 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1B9G12

Empfohlene Verdünnungen:
WB 1:20000-1:100000
IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB
IHC 1:200-1:800
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen

IP : HeLa-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes Kolonkarzinomgewebe

IF : HepG2-Zellen,

Hintergrundinformationen

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 calculated molecular weight of KAP1 is 89 kDa, but modified KAP1 is about 100 kDa. PMID: 18590578

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Guido A Stoll	36341546	EMBO J	IF
Xiancai Ma	30652970	Elife	WB
Qiuyu Tan	36476351	BMC Pulm Med	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

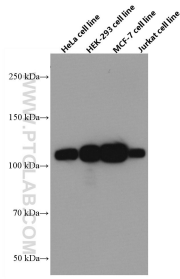
For technical support and original validation data for this product please contact:

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

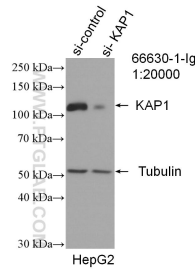
E: proteintech@ptglab.com
W: ptglab.com

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

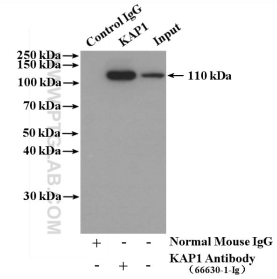
Ausgewählte Validierungsdaten



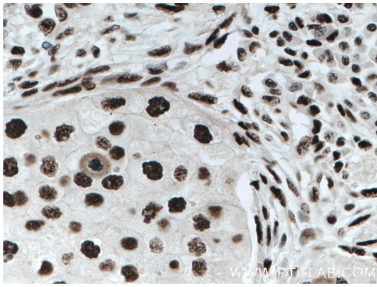
Various lysates were subjected to SDS PAGE followed by western blot with 66630-1-Ig (KAP1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



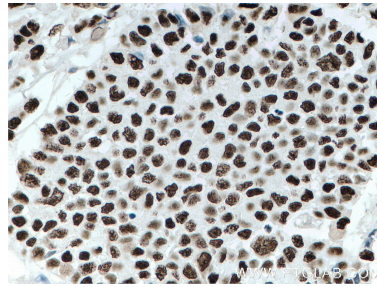
WB result of KAP1 antibody (66630-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KAP1 transfected HepG2 cells.



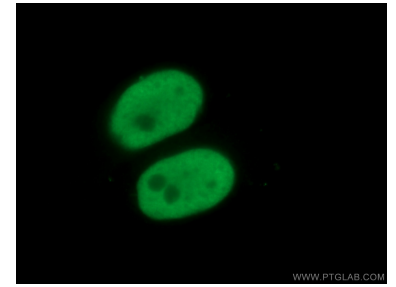
IP result of anti-KAP1 (IP:66630-1-Ig, 5ug; Detection:66630-1-Ig 1:1000) with HeLa cells lysate 4000 ug.



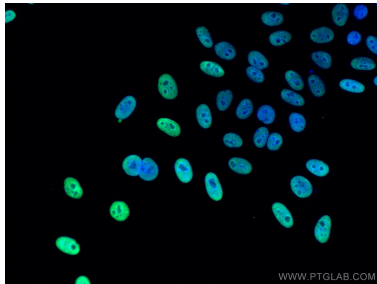
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66630-1-Ig (KAP1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).