

À des fins de recherche uniquement

Anticorps Monoclonal anti-RBAP48

Numéro de catalogue: 66060-1-Ig Phare



Informations de base

Numéro de catalogue: 66060-1-Ig	Numéro d'acquisition GenBank: BC053904	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1233 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5928	CloneNo.: 5C4D6
Hôte: Mouse	Nom complet: retinoblastoma binding protein 4	Dilutions recommandées: WB 1:2000-1:12000 IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 48 kDa	
Immunogen Catalog Number: AG6196	MW observés: 53 kDa	

Applications

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

Spécificité de l'espèce:
Humain, rat, 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 HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules LO2, cellules NIH/3T3, cellules RAW 264.7, cellules ROS1728

IHC : tissu de cancer du col de l'utérus humain, tissu testiculaire humain

IF : cellules HepG2,

Informations générales

Histone-binding protein RBBP4 (also known as RbAp48, or NURF55) is a protein that in humans is encoded by the RBBP4 gene. This gene encodes a ubiquitously expressed nuclear protein that belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2/NuRD complex complex that has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of corepressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. A decrease of RbAp48 in the dentate gyrus (DG) of the hippocampus in the brain is suspected to be a main cause of memory loss in normal aging (PMID: 23986399).

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.**

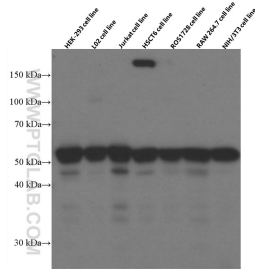
For technical support and original validation data for this product please contact:

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

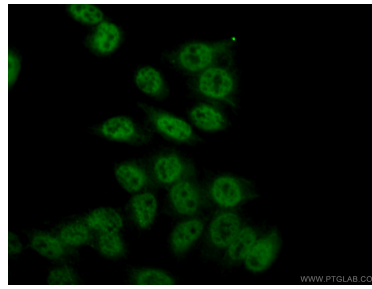
E: proteintech@ptglab.com
W: ptglab.com

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

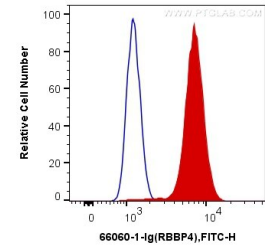
Données de validation sélectionnées



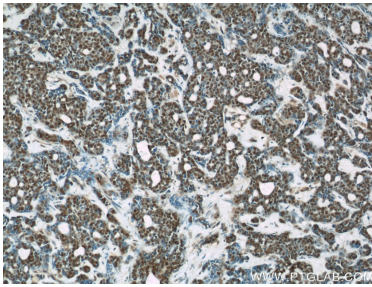
Various lysates were subjected to SDS PAGE followed by western blot with 66060-1-Ig (RBAP48 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



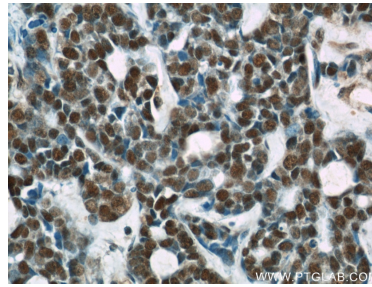
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66060-1-Ig (RBAP48 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



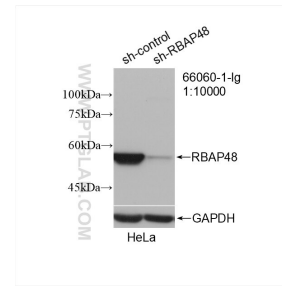
1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human RBAP48 (66060-1-Ig, Clone:5C4D6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 66060-1-Ig(RBAP48 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 66060-1-Ig(RBAP48 antibody) at dilution of 1:200 (under 40x lens).



WB result of RBAP48 antibody (66060-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RBAP48 transfected HeLa cells.