

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HRPT2, CDC73



Numéro de catalogue: 12310-1-AP **Phare**

Informations de base

Numéro de catalogue:
12310-1-AP

Taille:
150ul, Concentration: 400 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2959

Numéro d'acquisition GenBank:
BC014351

Identification du gène (NCBI):
79577

Nom complet:
cell division cycle 73, Paf1/RNA
polymerase II complex component,
homolog (S. cerevisiae)

MW calculé
531 aa, 61 kDa

MW observés:
61 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, IP, 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 HepG2

IP: tissu testiculaire de souris,

IHC: tissu de cancer du sein humain,

IF: cellules HeLa,

Informations générales

Parafibromin is a product of the hyperparathyroidism-jaw tumor syndrome gene HRPT2/CDC73, a putative tumor suppressor gene recently implicated in the autosomal dominant hyperparathyroidism-jaw tumor familial cancer syndrome, sporadic parathyroid cancer, and a minority of families with isolated hyperparathyroidism (PMID: 15580289). Defects in CDC73 are causes of hyperparathyroidism type 1 (HRPT1) and hyperparathyroidism type 2 (HRPT2) as well as parathyroid carcinoma (PRTC) (PMID: 12434154). Tumor suppressor parafibromin to the transcription elongation and RNA processing pathway as a PAF1 complex- and RNA polymerase II-bound protein (PMID: 15923622). Besides, parafibromin is also involved in post-transcriptional control pathways (PMID: 16116486). Recent report has revealed that pathogenic mutation, such as CDC73 gene mutation, is able to affect histone monoubiquitination (PMID: 22021426).

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.

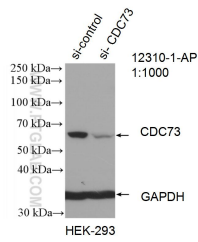
For technical support and original validation data for this product please contact:

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

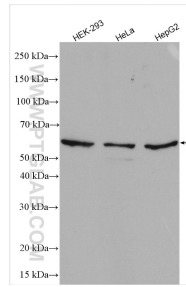
E: proteintech@ptglab.com
W: ptglab.com

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

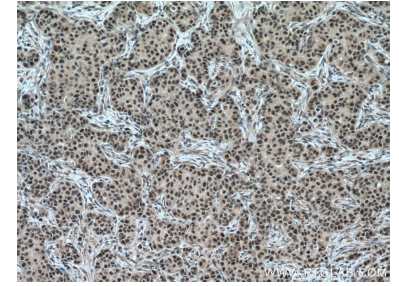
Données de validation sélectionnées



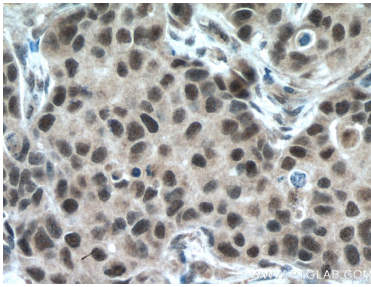
WB result of HRPT2, CDC73 antibody (12310-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HRPT2, CDC73 transfected HEK-293 cells.



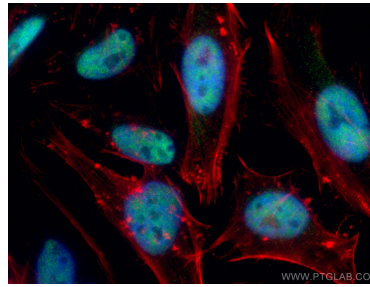
Various lysates were subjected to SDS PAGE followed by western blot with 12310-1-AP (HRPT2, CDC73 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



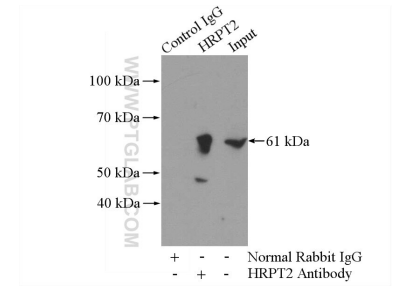
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12310-1-AP (HRPT2, CDC73 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12310-1-AP (HRPT2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HRPT2, CDC73 antibody (12310-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



IP result of anti-HRPT2, CDC73(IP:12310-1-AP, 4ug; Detection:12310-1-AP 1:500) with mouse testis tissue lysate 4000 ug.