

À des fins de recherche uniquement

Anticorps Monoclonal anti-HRPT2, CDC73



Numéro de catalogue: 66490-1-Ig

Phare

2 Publications

Informations de base

Numéro de catalogue: 66490-1-Ig	Numéro d'acquisition GenBank: BC014351	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 79577	CloneNo.: 4B4H2
Hôte: Mouse	Nom complet: cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:200-1:800 IF 1:50-1:500
Isotype: IgG2a	MW calculé 531 aa, 61 kDa	
Immunogen Catalog Number: AG2959	MW observés: 61 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de porc, cellules Caco-2, cellules HEK-293, cellules HeLa, cellules LNCaP, cellules RAW 264.7, tissu cérébral de souris

IHC : tissu de cancer du sein humain,

IF : tissu de cancer du sein humain,

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 CDC 73 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yabo Ma	36414229	J Proteomics	WB
Naomi Hatabu	30739106	Horm Res Paediatr	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

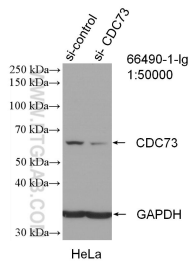
For technical support and original validation data for this product please contact:

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

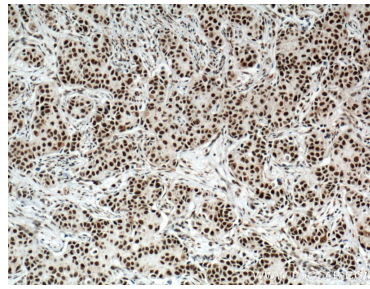
E: proteintech@ptglab.com
W: ptglab.com

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

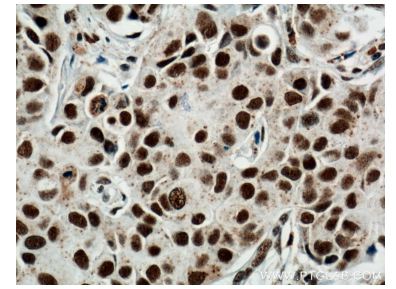
Données de validation sélectionnées



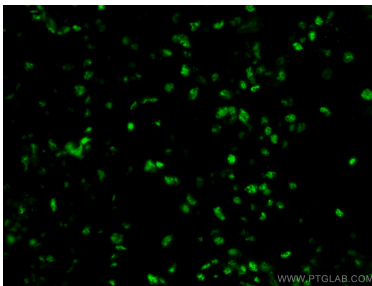
WB result of HRPT2, CDC73 antibody (66490-1-Ig; 1:50000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HRPT2, CDC73 transfected HeLa cells.



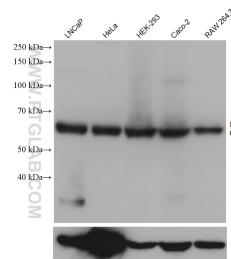
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66490-1-Ig (HRPT2, CDC73 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



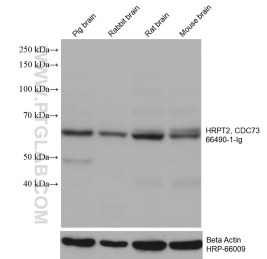
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66490-1-Ig (HRPT2; CDC73 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



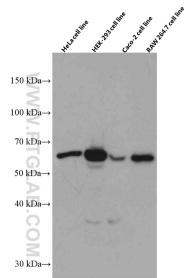
Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using HRPT2, CDC73 antibody (66490-1-Ig, Clone: 4B4H2) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66490-1-Ig (HRPT2, CDC73 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



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