

À des fins de recherche uniquement

Anticorps Monoclonal anti-P4HA1

Numéro de catalogue: 66101-1-Ig

Phare

3 Publications



Informations de base

Numéro de catalogue: 66101-1-Ig	Numéro d'acquisition GenBank: BC034998	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5033	CloneNo.: 1H10A6
Hôte: Mouse	Nom complet: prolyl 4-hydroxylase, alpha polypeptide I	Dilutions recommandées: WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé 534 aa, 61 kDa	
Immunogen Catalog Number: AG17867	MW observés: 61 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

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 : cellules PC-3, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules MCF-7, cellules Neuro-2a, cellules NIH/3T3, cellules ROS1728, tissu hépatique de rat

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

IF : cellules PC-3,

Informations générales

P4HA1(Prolyl 4-hydroxylase subunit alpha-1) is also named as P4HA and belongs to the P4HA family , which play a central role in collagen synthesis. P4HA1 catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins. The gene encodes a polypeptide of 517 amino acid residues and a signal peptide of 17 amino acids and the full length protein has two glycosylation sites (uniprot). It can exist as a heteromer, dimer or tetramer (refer to: GENATLAS). P4HA1 has 3 isoforms produced by alternative splicing with the molecular weight of 61 kDa, 61 kDa and 59 kDa. This antibody is specific to P4HA1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Johanna Eriksson	32053263	Mol Oncol	WB,IHC
Chenghao Zhanghuang	35558559	Front Mol Biosci	WB
Xiangming Han	35494018	Front Oncol	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.

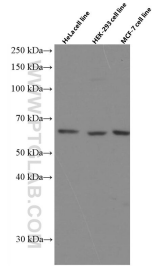
For technical support and original validation data for this product please contact:

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

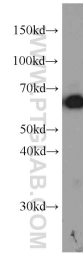
E: proteintech@ptglab.com
W: ptglab.com

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

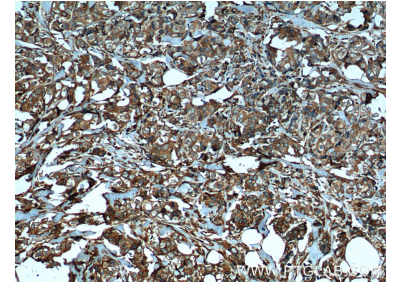
Données de validation sélectionnées



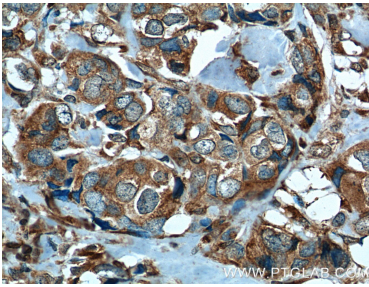
Various lysates were subjected to SDS PAGE followed by western blot with 66101-1-Ig (P4HA1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



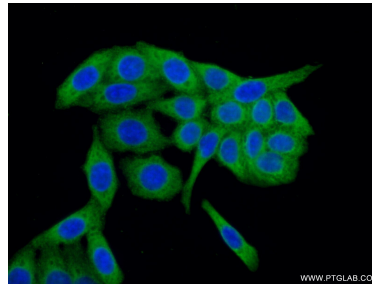
PC-3 cells were subjected to SDS PAGE followed by western blot with 66101-1-Ig (P4HA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66101-1-Ig (P4HA1 Antibody) at dilution of 1:500 (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 66101-1-Ig (P4HA1 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using 66101-1-Ig(P4HA1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).