

À des fins de recherche uniquement

# Anticorps Monoclonal anti-P4HA2

Numéro de catalogue: 66604-1-Ig

Phare

2 Publications



## Informations de base

Numéro de catalogue: 66604-1-Ig	Numéro d'acquisition GenBank: BC035813	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 801 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 8974	CloneNo.: 3A9A4
Hôte: Mouse	Nom complet: prolyl 4-hydroxylase, alpha polypeptide II	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:400-1:1000
Isotype: IgG1	MW calculé: 533 aa, 61 kDa	
Immunogen Catalog Number: AG4714	MW observés: 61 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, 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 : cellules HSCT6, cellules HeLa, cellules HSC-T6, cellules NIH/3T3

IHC : tissu de cancer du poumon humain,

## Informations générales

Prolyl 4-hydroxylase catalyzes the posttranslational formation of 4-hydroxyproline in collagens. The vertebrate enzyme is a tetramer of 2 alpha subunits and 2 beta subunits. P4HA2 is one of at least 2 alpha subunit isoforms. It catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins. This protein has 2 isoforms produced by alternative splicing.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Haibo Zhang	34113171	Cancer Manag Res	IHC
Xing Chen	35389431	J Exp Med	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.

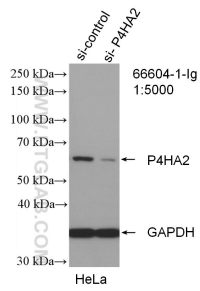
For technical support and original validation data for this product please contact:

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

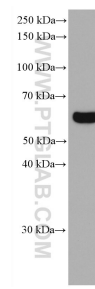
E: proteintech@ptglab.com  
W: ptglab.com

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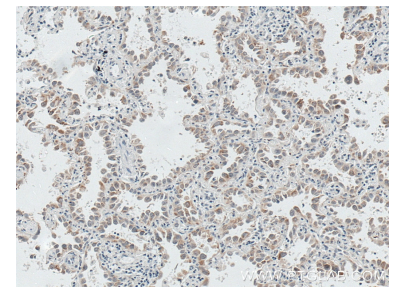
## Données de validation sélectionnées



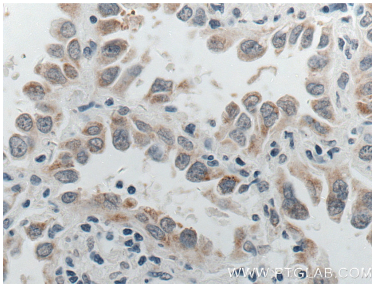
WB result of P4HA2 antibody (66604-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P4HA2 transfected HeLa cells.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 66604-1-Ig (P4HA2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66604-1-Ig (P4HA2 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66604-1-Ig (P4HA2 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).