

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P4HA2



Numéro de catalogue: 13759-1-AP

Phare

17 Publications

Informations de base

Numéro de catalogue:

13759-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4714

Numéro d'acquisition GenBank:

BC035813

Identification du gène (NCBI):

8974

Nom complet:

prolyl 4-hydroxylase, alpha polypeptide II

MW calculé

533 aa, 61 kDa

MW observés:

61 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:100-1:400

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat

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 HeLa, cellules HepG2, cellules MCF-7

IP : cellules HeLa,

IHC : tissu de cancer du col de l'utérus humain, tissu de cancer du pancréas 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
Jie You	36206672	Stem Cell Res	WB
Randy T Cowling	28923350	J Mol Cell Cardiol	WB
M Gabasa	28898237	Br J Cancer	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.

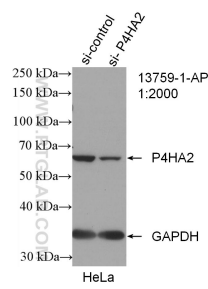
For technical support and original validation data for this product please contact:

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

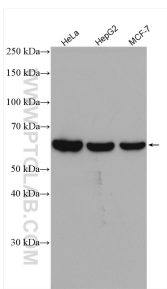
E: proteintech@ptglab.com
W: ptglab.com

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

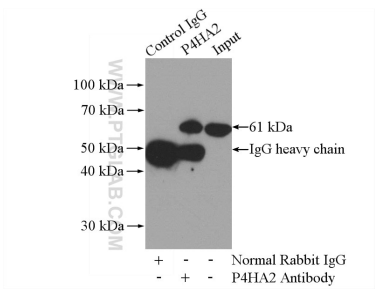
Données de validation sélectionnées



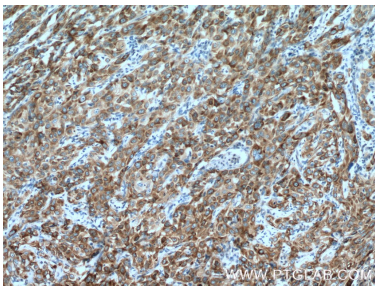
WB result of P4HA2 antibody (13759-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P4HA2 transfected HeLa cells.



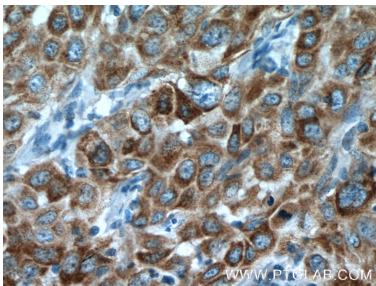
Various lysates were subjected to SDS PAGE followed by western blot with 13759-1-AP (P4HA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-P4HA2 (IP:13759-1-AP, 4ug; Detection:13759-1-AP 1:1000) with HeLa cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13759-1-AP (P4HA2 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 cervical cancer tissue slide using 13759-1-AP (P4HA2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).