

For Research Use Only

P4HA2 Monoclonal antibody, PBS Only



Catalog Number: 66604-1-PBS

Featured Product

Basic Information

Catalog Number:

66604-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4714

GenBank Accession Number:

BC035813

GeneID (NCBI):

8974

UNIPROT ID:

O15460

Full Name:

prolyl 4-hydroxylase, alpha polypeptide II

Calculated MW:

533 aa, 61 kDa

Observed MW:

61 kDa

Purification Method:

Protein G purification

CloneNo.:

3A9A4

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

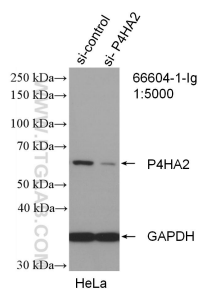
For technical support and original validation data for this product please contact:

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

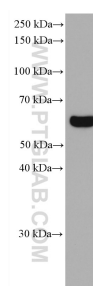
E: proteintech@ptglab.com
W: ptglab.com

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

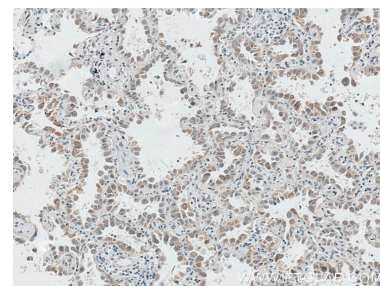
Selected Validation Data



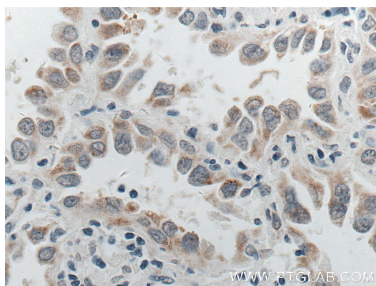
WB result of P4HA2 antibody (66604-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P4HA2 transfected HeLa cells. This data was developed using the same antibody clone with 66604-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 66604-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66604-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66604-1-PBS in a different storage buffer formulation.