

For Research Use Only

P4HA1 Recombinant monoclonal antibody

Catalog Number: 86825-1-RR



Basic Information

Catalog Number:

86825-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3292

GenBank Accession Number:

BC034998

GeneID (NCBI):

5033

UNIPROT ID:

P13674

Full Name:

prolyl 4-hydroxylase, alpha polypeptide I

Calculated MW:

534 aa, 61 kDa

Observed MW:

61 kDa

Purification Method:

Protein A purification

CloneNo.:

251813G5

Recommended Dilutions:

WB: 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, A431 cells, PC-3 cells, HEK-293 cells, MCF-7 cells, ACHN cells

Background Information

P4HA1 (Prolyl 4-hydroxylase subunit alpha-1) is also known as P4HA and belongs to the P4HA family, which plays 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 some isoforms with the MW 61-63 kDa and 57-59 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

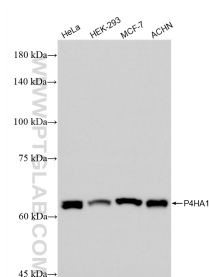
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86825-1-RR (P4HA1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.