

For Research Use Only

P4HA3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85374-1-PBS



Basic Information

Catalog Number: 85374-1-PBS	GenBank Accession Number: BC126170	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 283208	CloneNo.: 242750C3
Isotype: IgG	UNIPROT ID: Q7Z4N8	
Immunogen Catalog Number: AG19716	Full Name: prolyl 4-hydroxylase, alpha polypeptide III	
	Calculated MW: 544 aa, 61 kDa	
	Observed MW: 61 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Collagen prolyl 4-hydroxylases catalyze the hydroxylation of proline in α -pro-gly triplets in collagens and in proteins with collagen-like sequences. Collagen prolyl 4-hydroxylases are tetramers of 2 alpha subunits, such as P4HA3, and 2 beta subunits (P4HB). P4HA3 has 3 isoforms produced by alternative splicing with the MW of 61 kDa, 29 kDa and 67 kDa.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

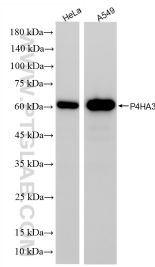
T: 4006900926

E: Proteintech-CN@ptglab.com

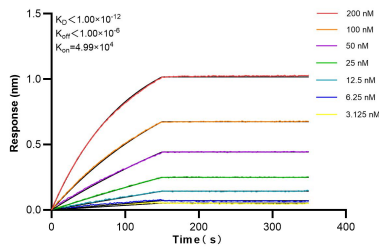
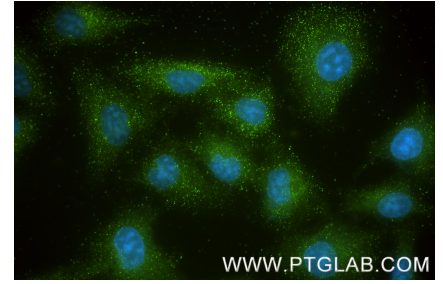
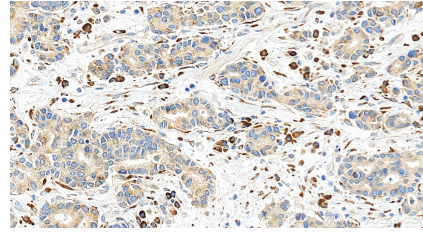
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85374-1-RR (P4HA3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85374-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85374-1-RR against Human P4HA3 were performed. The affinity constant is below 1 pM.