

For Research Use Only

P4HA3 Polyclonal antibody

Catalog Number: 23185-1-AP **2 Publications**



Basic Information

Catalog Number: 23185-1-AP	GenBank Accession Number: BC126170	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 283208	Recommended Dilutions: WB 1:200-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: prolyl 4-hydroxylase, alpha polypeptide III	
Isotype: IgG	Calculated MW: 544 aa, 61 kDa	
Immunogen Catalog Number: AG19716	Observed MW: 30 kDa, 61 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : mouse kidney tissue, A549 cells IF : A549 cells,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, mouse, rat	

Background Information

Collagen prolyl 4-hydroxylases catalyze the hydroxylation of proline in x-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.

Notable Publications

Author	Pubmed ID	Journal	Application
Randy T Cowling	28923350	J Mol Cell Cardiol	WB
Fumie Nakasuka	34168290	Commun Biol	WB

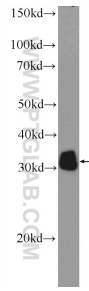
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

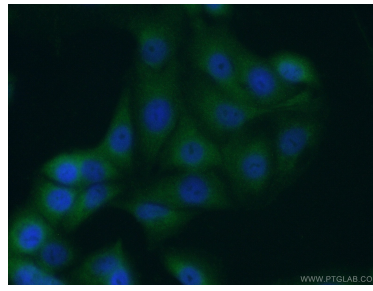
For technical support and original validation data for this product please contact:
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Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 23185-1-AP (P4HA3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20 Ethanol) fixed A549 cells using 23185-1-AP (P4HA3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).