

Product Datasheet

P4HA1 Antibody - Azide and BSA Free H00005033-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005033-B01P

P4HA1 Antibody - Azide and BSA Free

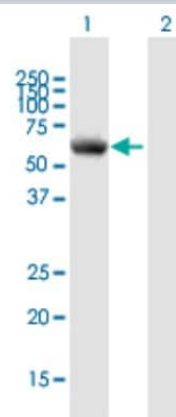
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	5033
Gene Symbol	P4HA1
Species	Human, Finch
Reactivity Notes	Rat reactivity reported in customer review.
Specificity/Sensitivity	P4HA1 - procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I,
Immunogen	P4HA1 (NP_001017962.1, 1 a.a. - 534 a.a.) full-length human protein. MIWYILIGILLPQSLAHPGFFTSIGQMTDLIHTEKDLVTSLKDYIKAEEDKLEQIKK WAEKLDRLTSTATKDPEGFVGHVPVNAFKLMKRLNTEWSELENLVLKDMSDGFI SNLTIQRQYFPNDEDQVGAAKALLRLQDTYNLDTDTISKGNLPGVKHKSFLTAE DCFELGKVAYTEADYYHTELWMEQALRQLDEGEISTIDKVSVDYLSYAVYQQ GDLKALLLTKKLELDPEHQRANGNLKYFEYIMAKEKDVNKSASDDQSDQKT TPKKKGVAVDYLPERQKYEMLCRGEIKMTPRRQKFLCRYHDGNNRNPKFILA PAKQEDEWDKPRIIRFHDIIISDAEIEIVKDLAKPRLRRATISNPITGDLETVHYRIS KSAWLSGYENPVVSRINMRIQDLTGLDVSTAEELQVANYGVGGQYEPHFDFAR KDEPDAFKELGTGNRIATWLFYMSDVSAGGATVFPEVGASVWPKKGTAVFWY NLFASGEGDYSTRHAACPVLVGNKWVSNKWLHERGQEFRRPCTLSELE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

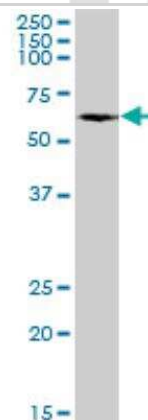
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

Images

Western Blot: P4HA1 Antibody [H00005033-B01P] - Analysis of P4HA1 expression in transfected 293T cell line by P4HA1 polyclonal antibody. Lane 1: P4HA1 transfected lysate(58.74 KDa). Lane 2: Non-transfected lysate.



Western Blot: P4HA1 Antibody [H00005033-B01P] - P4HA1 MaxPab polyclonal antibody. Western Blot analysis of P4HA1 expression in A-431.



Publications

Ma WJ, Guo X, Liu JT et al. Proteomic changes in articular cartilage of human endemic osteoarthritis in China. *Proteomics*. 2011-05-17 [PMID: 21681992]

Ishikura-Kinoshita S, Saeki H, Tsuji-Naito K. BBF2H7-Mediated Sec23A Pathway Is Required for Endoplasmic Reticulum-to-Golgi Trafficking in Dermal Fibroblasts to Promote Collagen Synthesis. *J Invest Dermatol*. 2012-04-12 [PMID: 22495181]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00005033-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00005033-P01-10ug	Recombinant Human P4HA1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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