Prolyl 4-hydroxylase subunit alpha-3 Polyclonal Antibody

Catalog No: #42661

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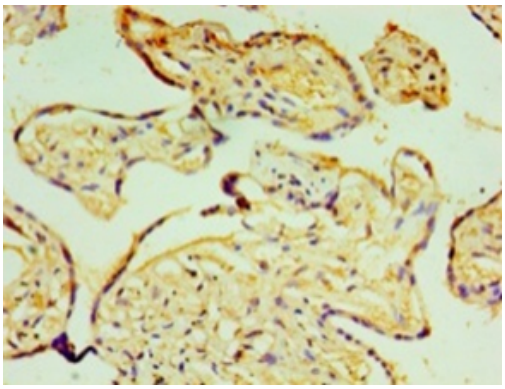
Description

Product Name	Prolyl 4-hydroxylase subunit alpha-3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Prolyl 4-hydroxylase subunit alpha-3 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Prolyl 4-hydroxylase subunit alpha-3 proteinB£B¨20-544AAB£B©
Target Name	Prolyl 4-hydroxylase subunit alpha-3
Other Names	Procollagen-proline, 2-oxoglutarate-4-dioxygenase subunit alpha-3, UNQ711/PRO1374, P4HA3
Accession No.	Swiss-Prot#: Q7Z4N8
Uniprot	Q7Z4N8
GeneID	283208;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

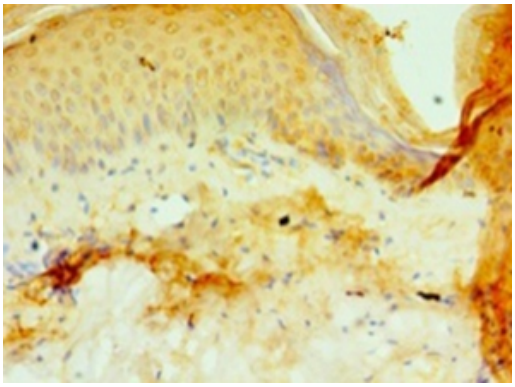
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human placenta tissue using #42661 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human skin tissue using #42661 at dilution of 1:100.

Background

Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.

References

[1]"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." The MGC Project Team Genome Res. 14:2121-2127(2004). [2]"Human chromosome 11 DNA sequence and analysis including novel gene identification." Taylor T.D., Noguchi H., Totoki Y., Toyoda A., Kuroki Y., Dewar K., Lloyd C., Itoh T., Takeda T., Kim D.-W., She X., Barlow K.F., Bloom T., Bruford E., Chang J.L., Cuomo C.A., Eichler E., FitzGerald M.G. Sakaki Y. Nature 440:497-500(2006). [3]"The full-ORF clone resource of the German cDNA consortium." Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I. BMC Genomics 8:399-399(2007).

Note: This product is for in vitro research use only