# COL20A1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | COL20A1, Polyclonal Antibody |
| **Full Product Name** | COL20A1 Polyclonal Antibody |
| **Product Gene Name** | anti-COL20A1 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Form/Format** | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3. |
| **Purity/Purification** | Affinity Purification |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 135kDa; 137kDa; 138kDa |
| **3D Structure** | ModBase 3D Structure for Q9P218 |
| **Immunogen** | Recombinant protein of human COL20A1 (NP_065933.2). |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-COL20A1 antibody** | Western Blot (WB), Immunofluorescence (IF) |
| **Application Notes for anti-COL20A1 antibody** | WB: 1:500-1:2000<br>IF: 1:50-1:200 |
| **Related Product Information for anti-COL20A1 antibody** | MBS8568519 is an antibody targeting COL20A1. Also known as COL20A1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-COL20A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COL20A1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 112734845 |
| **NCBI GeneID** | 57642 |
| **NCBI Accession #** | NP_065933.2 |
| **UniProt Primary Accession #** | Q9P218 |
| **UniProt Related Accession #** | Q9P218 |
| **GenBank Nucleotide #** | NP_065933.2 |
| **NCBI Official Full Name** | collagen alpha-1(XX) chain |
| **NCBI Official Synonym Full Names** | collagen type XX alpha 1 chain |

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| **NCBI Official Symbol** | COL20A1 |
| **UniProt Protein Name** | Collagen alpha-1(XX) chain |
| **Protein Family** | Collagen |
| **UniProt Gene Name** | COL20A1 |
| **UniProt Synonym Gene Names** | KIAA1510 |
| **UniProt Entry Name** | COKA1_HUMAN |
| **NCBI Protein Information** | collagen alpha-1(XX) chain |
| **UniProt Comments for COL20A1** | COL20A1: Probable collagen protein. 3 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Secreted; Secreted, signal peptide<br><br>Chromosomal Location of Human Ortholog: 20q13.33<br><br>Cellular Component: extracellular matrix; extracellular space; collagen; endoplasmic reticulum lumen; extracellular region<br><br>Biological Process: extracellular matrix organization and biogenesis |
| **Research Articles on COL20A1** | **1.** Our study proposes COL20A1 gene as another potential candidate gene for striate palmoplantar keratoderma (PPKS)which expand the spectrum of collagen proteins in the pathogenicity of Palmoplantar keratoderma. |
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