

# COL20A1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58340

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q9P218</a>
<b>Reactivity</b>	Rat, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	135830
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human COL20A1
<b>Epitope Specificity</b>	951-1050/1284
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Secreted, extracellular space (Probable).
<b>SIMILARITY</b>	Contains 2 collagen-like domains. Contains 6 fibronectin type-III domains. Contains 1 laminin G-like domain. Contains 1 VWFA domain.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function

## Additional Information

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<b>Gene ID</b>	57642
<b>Other Names</b>	Collagen alpha-1(XX) chain, COL20A1, KIAA1510
<b>Target/Specificity</b>	High expression in heart, lung, liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, subthalamic nucleus and fetal liver. Weak expression in other tissues tested.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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## Protein Information

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<b>Name</b>	COL20A1
<b>Synonyms</b>	KIAA1510
<b>Function</b>	Probable collagen protein.
<b>Cellular Location</b>	Secreted, extracellular space.
<b>Tissue Location</b>	High expression in heart, lung, liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, subthalamic nucleus and fetal liver. Weak expression in other tissues tested

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.