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COL20A1 Rabbit pAb

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Catalog # AP58340

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9P218
Predicted	Rat, Dog, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	135830
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human COL20A1
Epitope Specificity	951-1050/1284
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space (Probable).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	57642
Other Names	Collagen alpha-1(XX) chain, COL20A1, KIAA1510
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	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.

Protein Information

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

Background

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