

## Product datasheet for **AP51012PU-N**

### **COL19A1 (N-term) Rabbit Polyclonal Antibody**

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blot:</b> 1/100 - 1/500. <b>Immunohistochemistry on paraffin sections:</b> 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 151-178 amino acids from the N-terminal region of human COL19A1
Specificity:	This antibody reacts to COL19A1.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	115221 Da
Gene Name:	collagen type XIX alpha 1 chain
Database Link:	<a href="#">Entrez Gene 1310 Human Q14993</a>



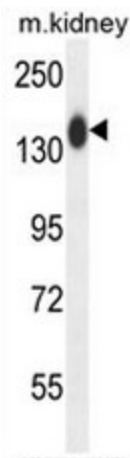
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**Background:**

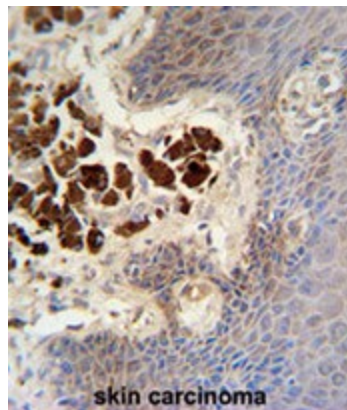
COL19A1 encodes the alpha chain of type XIX collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Although the function of this collagen is not known, other members of this collagen family are found in association with fibril-forming collagens such as type I and II, and serve to maintain the integrity of the extracellular matrix. The transcript produced from this gene has an unusually large 3' UTR which has not been completely sequenced.

**Synonyms:**

COL19A1, Collagen alpha-1(Y) chain

**Product images:**


COL19A1 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the COL19A1 antibody detected the COL19A1 protein (arrow).



COL19A1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the COL19A1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.