

Product datasheet for **AP00359PU-N**

Collagen IV (COL4A1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunoblotting. Immunofluorescence. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Specificity:	This antibody reacts to Collagen IV.
Formulation:	Borate buffered saline State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	collagen type IV alpha 1 chain
Database Link:	Entrez Gene 1282 Human P02462
Background:	Collagen IV is a major constituent of the basement membranes along with laminins, proteoglycans and enactins. It is a multimeric protein composed of 3 alpha subunits. These subunits are encoded by 6 different genes, alpha 1 through alpha 6, each of which can form a triple helix structure with 2 other subunits to form type IV collagen. It can form insoluble fibers with high tensile strength. Collagen IV is useful in detecting the loss of parts of basement membranes in carcinomas.
Synonyms:	COL4A1



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