

#### OriGene Technologies, Inc.

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# Product datasheet for TA340204

## **CERT1 Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-COL4A3BP antibody: synthetic peptide directed towards the N terminal of human COL4A3BP. Synthetic peptide located within the following region: PPVERCGVLSKWTNYIHGWQDRWVVLKNNALSYYKSEDETEYGCRGSICL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	68 kDa
Gene Name:	collagen type IV alpha 3 binding protein
Database Link:	<u>NP_112729</u> <u>Entrez Gene 10087 Human</u> <u>Q9Y5P4</u>

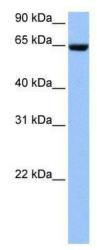


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### **GRIGENE** CERT1 Rabbit Polyclonal Antibody – TA340204

- **Background:** COL4A3BP is a kinase that specifically phosphorylates the N-terminal region of the noncollagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. This gene encodes a kinase that specifically phosphorylates the N-terminal region of the noncollagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Two transcripts exist for this gene.
- Synonyms:CERT; CERTL; GPBP; MRD34; STARD11Note:Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%;<br/>Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Horse: 92%

### **Product images:**



WB Suggested Anti-COL4A3BP Antibody Titration: 0.2-1 ug/ml; Positive Control: Hela cell lysate

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