

# COL4A3BP rabbit monoclonal antibody

Catalog # H00010087-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human COL4A3BP peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human COL4A3BP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human COL4A3BP peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — COL4A3BP

Entrez GeneID [10087](#)

GeneBank Accession# [COL4A3BP](#)

Gene Name COL4A3BP

Gene Alias CERT, CERTL, FLJ20597, GPBP, STARD11

Gene Description collagen, type IV, alpha 3 (Goodpasture antigen) binding protein

Omim ID [604677](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a kinase that specifically phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Good pasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** Goodpasture antigen-binding protein|OTTHUMP00000128248|OTTHUMP00000128249|START domain containing 11|StAR-related lipid transfer (START) domain containing 11|alpha 3 type IV collagen binding protein|ceramide transporter|lipid-transfer protein CERTL