

COL4A3BP rabbit monoclonal antibody

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

Specification

Product Description	Rabbit monoclonal antibody raised against a human COL4A3BP peptide using ARM Technology.
Immunogen	A synthetic peptide of human COL4A3BP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human COL4A3BP peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none"> Customer may provide cell or tissue lysate for antibody screening. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, 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	<p>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]</p>
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