

Goat anti-COL4A3BP (aa396-411) Antibody

Item Number	dAP-1648
Target Molecule	Principle Name: COL4A3BP (aa396-411); Official Symbol: COL4A3BP; All Names and Symbols: COL4A3BP; collagen, type IV, alpha 3 (Goodpasture antigen) binding protein; CERT; CERTL; FLJ20597; GPBP; STARD11; Goodpasture antigen-binding protein; START domain containing 11; StAR-related lipid transfer (START) domain containing 11; alpha 3 type IV co; Accession Number (s): NP_005704.1; NP_112729.1; Human Gene ID(s): 10087; Non-Human GeneID(s):
Immunogen	KREDSWQKRLDKETEK, is from internal region This antibody is expected to recognize both reported isoforms (NP_005704.1; NP_112729.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx. 70kDa band observed in Human Heart lysates (calculated MW of 70.8kDa according to NP_005704.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Kudo N, Kumagai K, Tomishige N, Yamaji T, Wakatsuki S, Nishijima M, Hanada K, Kato R. Structural basis for specific lipid recognition by CERT responsible for nonvesicular trafficking of ceramide. Proc Natl Acad Sci U S A. 2008 Jan 15;105(2):488-93. Epub 2008 Jan 9..PMID: 18184806->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**