Goat anti-COL4A3BP (aa662-672) Antibody

Item Number	dAP-1347
Target Molecule	Principle Name: COL4A3BP (aa662-672); 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; alpha 3 type IV collagen binding protein; ceramide transporter;; Accession Number (s): NP_005704.1; NP_112729.1 ; Human Gene ID(s): 10087; Non-Human GeneID(s): 68018 (mouse)
Immunogen	DHDSAPLNNRC, is from internal region This antibody is expected to recognise both reported isoforms (NP_005704.1 and NP_112729.1)
Applications	Pep ELISA, WB Species Tested: Mouse
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; Reconsititute 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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in mouse heart lysates (calculated MW of 71.1kDa according to mouse NP_075909.1 and 60.0kDa according to human NP_112729.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of unknown identity was als
IHC	
Reference	Reference(s): Swanton C, Marani M, Pardo O, Warne PH, Kelly G, Sahai E, Elustondo F, Chang J, Temple J, Ahmed AA, Brenton JD, Downward J, Nicke B. Regulators of mitotic arrest and ceramide metabolism are determinants of sensitivity to paclitaxel and other chemotherapeutic drugs. Cancer. 2007 Jun;11(6):498-

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