



Goat anti-COL4A3 (aa341-353) Antibody

Item Number	dAP-3062
Target Molecule	Principle Name: COL4A3 (aa341-353); Official Symbol: COL4A3; All Names and Symbols: COL4A3; collagen, type IV, alpha 3 (Goodpasture antigen); collagen IV, alpha-3 polypeptide; collagen alpha-3(IV) chain; tumstatin; Accession Number (s): NP_000082.2; Human Gene ID(s): 1285; Non-Human GeneID(s):
Immunogen	RGPTEYYDTYQEK, is from internal region
Applications	Pep ELISA, IHC 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 32000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows staining at the luminal side of the epithelial cell membranes. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Romero R, Friel LA, Velez Edwards DR, Kusanovic JP, Hassan SS, Mazaki-Tovi S, Vaisbuch E, Kim CJ, Erez O, Chaiworapongsa T, Pearce BD, Bartlett J, Salisbury BA, Anant MK, Vovis GF, Lee MS, Gomez R, Behnke E, Oyarzun E, Tromp G, Williams SM, Menon R, A genetic association study of mater-

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**