

Goat anti-Collagen, type VII Antibody

Item Number	dAP-1111
Target Molecule	Principle Name: Collagen, type VII; Official Symbol: COL7A1; All Names and Symbols: Collagen, type VII; collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and recessive); COL7A1; HGNC:2214; EBD1; EBDCT; EBR1; LC collagen; alpha 1 type VII collagen; collagen VII; alpha-1 polypeptide; long chain collagen; collagen, ty; Accession Number (s): NP_000085.1; Human Gene ID(s): 1294; Non-Human GeneID(s): 12836 (mouse)
Immunogen	TVQYSDDPRTEF, is from internal region This product does not work on cryostat sections of Normal Human Skin.
Applications	Pep ELISA, WB Species Tested: Rat
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	Western Blot: Approx 250kDa band observed in Rat Testis lysates (calculated MW of 159kDa according to Rat NP_001100328.1). Recommended concentration: 0.1-1.5µg/ml.
IHC	
Reference	Reference(s): Ortiz-Urda S, Garcia J, Green CL, Chen L, Lin Q, Veitch DP, Sakai LY, Lee H, Marinkovich MP, Khavari PA. Type VII collagen is required for Ras-driven human epidermal tumorigenesis. Science. 2005 Mar 18;307(5716):1773-6.15774758->

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**