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Research Use Only. Not for diagnostic or therapeutic use.

EB06781 - Goat Anti-Collagen, type VII Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: 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, type VII, alpha 1
Official Symbol: COL7A1
Accession Number(s): NP_000085.1
Human GeneID(s): 1294
Non-Human GeneID(s): 12836 (mouse)
Important Comments: This product does not work on cryostat sections of Normal Human Skin.

Immunogen
Peptide with sequence C-TVQYSDDPRTEF, from the internal region of the protein sequence according to NP_000085.1.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:32000.
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.

A customer found this antibody unsuccessful on cryosections of Human Skin.

Species Reactivity
Tested: Rat
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig

250kDa
150kDa
100kDa
75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

EB06781 (0.5µg/ml) staining of Rat Testis lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.