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Research Use Only. Not for diagnostic or therapeutic use.

EB07483 - Goat Anti-COL11A1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: COL11A1, collagen, type XI, alpha 1, CO11A, COLL6, STL2, alpha 1 type XI collagen, collagen XI alpha 1, collagen XI, alpha-1 polypeptide
Official Symbol: COL11A1
Accession Number(s): NP_001845.3; NP_542196.2 ; NP_542197.2
Human GeneID(s): 1301
Important Comments: This antibody is expected to recognise all three reported isoforms (NP_001845.3, NP_542196.2 and NP_542197.2).

Immunogen

Peptide with sequence C-EDYDSQRKNSEDTLY, from the internal region of the protein sequence according to NP_001845.3; NP_542196.2 ; NP_542197.2.

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 1:8000.
Western blot: Preliminary experiments gave an approx 28kDa band in lysates of cell lines A431, A549, HEK293 after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 181kDa according to NP_001845.3. The 28kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human