



Goat anti-collagen type XI alpha 2 Antibody

Item Number	dAP-0776
Target Molecule	Principle Name: collagen type XI alpha 2; Official Symbol: COL11A2; All Names and Symbols: COL11A2; collagen, type XI, alpha 2; DAQB-79P13.8; HGNC:2187; DFNA13; HKE5; PARP; STL3; Collagen alpha 2 (XI); Accession Number (s): NP_542411.2; NP_542412.2; NP_542410.2; NP_001157243.1; Human Gene ID(s): 1302; Non-Human GeneID(s):
Immunogen	QKELECEGGQRERPQ, is from internal region This antibody is expected to recognise all four reported isoforms (NP_542411.2; NP_542412.2; NP_542410.2; NP_001157243.1).
Applications	Pep ELISA Species Tested:
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 1000.
Western Blot	Western Blot: Preliminary experiments in human brain and bone marrow lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported w
IHC	
Reference	Reference(s): Harel T, Rabinowitz R, Hendler N, Galil A, Flusser H, Chemke J, Gradstein L, Lifshitz T, Ofir R, Elbedour K, Birk OS. COL11A2 mutation associated with autosomal recessive Weissenbacher-Zweymuller syndrome: molecular and clinical overlap with otospondylomegaepiphyseal dysplasia

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**