

Goat anti-Lubricin / PRG4 Antibody

Item Number	dAP-1430
Target Molecule	Principle Name: Lubricin / PRG4; Official Symbol: PRG4; All Names and Symbols: PRG4; proteoglycan 4 ; CACP; FLJ32635; HAPO; JCAP; MSF; SZP; bG174L6.2; Jacobs camptodactyly-arthritis-pericarditis syndrome; articular superficial zone protein; bG174L6.2 (MSF: megakaryocyte stimulating factor); camptodactyly, arthropathy, coxa vara.; Accession Number (s): NP_005798.2; Human Gene ID(s): 10216; Non-Human GeneID(s):
Immunogen	DYESFCAEVHNP, is from internal region
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 128000.
Western Blot	Western Blot: Preliminary experiments in Human Bone Marrow lysates gave no specific signal but low background (at antibody concentration up to 0.3µg/ml). We would appreciate any feedback from people in the field - have any results been reported with othe
IHC	
Reference	Reference(s): Jay GD, Torres JR, Warman ML, Laderer MC, Breuer KS. The role of lubricin in the mechanical behavior of synovial fluid. Proc Natl Acad Sci U S A. 2007 Apr 10;104(15):6194-9. Epub 2007 Apr 2..PMID: 17404241 ->

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**