

Goat anti-CILP Antibody

Item Number	dAP-0885
Target Molecule	Principle Name: CILP; Official Symbol: CILP; All Names and Symbols: CILP; cartilage intermediate layer protein, nucleotide pyrophosphohydrolase ; HGNC:1980; HsT18872 ; cartilage intermediate layer protein; Accession Number (s): NP_003604.2; Human Gene ID(s): 8483; Non-Human GeneID(s): 214425 (mouse) 315761 (rat)
Immunogen	NYRRTDHEDPRVK, is from internal region
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 128000.
Western Blot	Western Blot: Approx 150kDa band observed in rat spinal cord lysates (calculated MW of 133kDa according to human NP_003604.2 and of 132kDa according to Rat NP_001101631.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Seki S, Kawaguchi Y, Chiba K, Mikami Y, Kizawa H, Oya T, Mio F, Mori M, Miyamoto Y, Masuda I, Tsunoda T, Kamata M, Kubo T, Toyama Y, Kimura T, Nakamura Y, Ikegawa S. A functional SNP in CILP, encoding cartilage intermediate layer protein, is associated with susceptibility to lumbar disc

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**