

DNAxPAb

Hard-to-Find
Antibody

CILP DNAxPab

Catalog # H00008483-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CILP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVGTKAWVFSFLVLEVTSVLGRQTMLTQSVRRVQPGKKNPSIFAKPADTLESPGEWTTWFNIDY PGGKGDYERLDAIRFYGDRVCARPLRLEARTTDWTPAGSTGQVVHGSPREGFWCLNREQRPG QNCSNYTVRFLCPPGSLRRDTERIWSPWSPWSKCSAACGQTGVQTRTRICLAEMVSLCSEASE EGQHCMGQDCTACDLTCPMGQVNADCDACMCQDFMLHGAVSLPGGAPASGAAYLLTKTPKLL TQTDSDGRFRIPGLCPDGKSILKITKVKFAPVLTMPKTSLSKAATIKAEFVRAETPYMVMNPETKAR RAGQSVSLCCKATGKPRPDKYFWYHNDTLLDPSLYKHESKLVLRKLQQHQAGEYFCKAQSDAG AVKSKVAQLVIASDETPCNPVPESYLIRLPHDCFQATNSFYDVGRCPVKTCAGQQDNGIRCRD AVQNCCGISKTEEREIQCSGYTLPTKVAKECSCQRCCTETRSIVRGRVSAADNGEPMRFGHVYMG NSRVSMTGYKGTFTLHVPQDTERLVLTFFVDRLQKFVNNTTKVLPFNKKGSASFHEIKMLRRKEPIL EAMETNIPLGEVVGEDPMAELEIPSRSFYRQNGEPYIGVKASVTFLDPRNISTATAAQTDLNFIND EGDTFPLRTYGMFSVDFRDEVTSEPLNAGKVKVHLDSTQVKMPEHISTVKLWSLNPDTGLWEEE GDFKFENQRRNKREDRTFLVGNLEIRERRFLNLDVPESRRCFVKVRAYSERFLPSEQIGGVVISV INLEPRTGFLSNPRAWGRFDSVITGPNGACVPAFCDDQSPDAYSAYVLASLAGEELQAVESSPK FNPNAIGVPQPYLNKLNRYRTHEDPRVKKTAFQISMAKPRPNSAEESNGPIYAFENLRACEEAPP SAAHFRFYQIEGDRYDYNTVPFNEDDPMSWTEDYLAWWPKPMEFRACYIKVKVGPLEVNVRSR NMGGTHRRTVGKLYGIRDVRSTRDRDQPNVSAACLEFKCSGMLYDQDRVDRTLKVIPQGSCRR ASVNPMLHEYL VNHPLAVNNDTSEYTMLAPLDPLGHNYGIYTVTDQDPRTAKEIALGRCFDGTSD GSSRIMKSNVGVALTFNCVERQVGRQSAFYQLQSTPAQSPAAGTVQGRVPSRRQQRASRGGQR QSGVVASLRFRVAQQPLIN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CILP

Entrez GeneID [8483](#)

GeneBank Accession# [DQ894460.2](#)

Protein Accession# [ABM85386.1](#)

Gene Name CILP

Gene Alias CILP-1, HsT18872

Gene Description cartilage intermediate layer protein, nucleotide pyrophosphohydrolase

Omim ID [603489](#) [603932](#)

Gene Ontology [Hyperlink](#)

Gene Summary Major alterations in the composition of the cartilage extracellular matrix occur in joint disease, such as osteoarthritis. This gene encodes the cartilage intermediate layer protein (CILP), which increases in early osteoarthritis cartilage. The encoded protein was thought to encode a protein precursor for 2 different proteins, namely CILP and a homolog of NTPPHase, however later studies identified no nucleotide pyrophosphatase phosphodiesterase (NPP) activity. One isoform of the protein, CILP-1, functions as an IGF-1 antagonist. [provided by RefSeq]

Other Designations cartilage intermediate layer protein|cartilage intermediate layer protein 1 C1|cartilage intermediate layer protein 1 C2

Disease

- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)

- [Osteoarthritis](#)