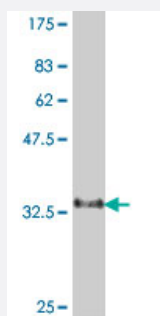


CILP polyclonal antibody (A01)

Catalog # H00008483-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CILP.
Immunogen	CILP (NP_003604, 129 a.a. ~ 226 a.a) partial recombinant protein with GST tag.
Sequence	NCSNYTVRFLCPPGSLRRDTERIWSPWSPWSKCSAACGQTGVQTRTRICLAEMVSLCSEASEE GQHCMGQDCTACDLTCPMGQVNADCDACMCQDFML
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CILP

Entrez GeneID [8483](#)

GeneBank Accession# [NM_003613](#)

Protein Accession# [NP_003604](#)

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](#)