

Rabbit CILP Polyclonal Antibody | anti-CILP antibody

CILP antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201301	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit	Western Blot

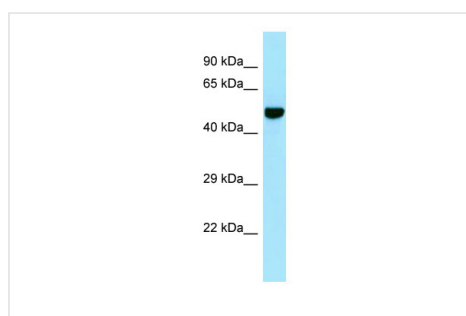
PRODUCT SYNONYMS

CILP; Polyclonal Antibody; CILP antibody - C-terminal region; anti-CILP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: YI KVKIVGPLEV NVRSRNMGGT HRQTVGKLYG IRDVRSTRDR DQPNVSAA
Sequence Length	1184
Applicable Applications for anti-CILP antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 93%
Protein Size (# AA)	1184 amino acids
Protein Interactions	NEDD1; CDC20;
Blocking Peptide	For anti-CILP antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CILP Antibody Titration: 1.0 ug/ml Positive Control: 721_B Whole Cell

ADDITIONAL INFORMATION

Related Product Information for anti-CILP antibody	Target Description: 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 two different proteins; an N-terminal CILP and a C-terminal homolog of NTPPHase, however, later studies identified no nucleotide pyrophosphatase phosphodiesterase (NPP) activity. The full-length and the N-terminal domain of this protein was shown to function as an IGF-1 antagonist. An allelic variant of this gene has been associated with lumbar disc disease.
Product Categories/Family for anti-CILP antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	1519313775
NCBI GeneID	8483
NCBI Accession #	NP_003604
NCBI GenBank Nucleotide #	NM_003613
UniProt Accession #	O75339
Molecular Weight	52kDa
NCBI Official Full Name	cartilage intermediate layer protein 1 preproprotein
NCBI Official Synonym Full Names	cartilage intermediate layer protein
NCBI Official Symbol	CILP
NCBI Official Synonym Symbols	CILP-1; HsT18872
NCBI Protein Information	cartilage intermediate layer protein 1
UniProt Protein Name	Cartilage intermediate layer protein 1
UniProt Gene Name	CILP
UniProt Entry Name	CILP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cilp-antibody-western-blot-elisa/201301>