

[Go to Product page](#)

Datasheet for ABIN2559700  
**anti-CILP antibody (AA 1051-1184) (Biotin)**

## Overview

Quantity:	100 µL
Target:	CILP
Binding Specificity:	AA 1051-1184
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CILP antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CILP
Isotype:	IgG
Specificity:	The immunogen falls within the Cartilage intermediate layer protein 1 C2 region.
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	CILP
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## Target Details

Alternative Name:	CILP ( <a href="#">CILP Products</a> )
Background:	<p>Synonyms: CILP-1, HsT18872, Cartilage intermediate layer protein 1, Cartilage intermediate-layer protein, CILP, UNQ602/PRO1188</p> <p>Background: Probably plays a role in cartilage scaffolding. May act by antagonizing TGF-beta1 (TGFB1) and IGF1 functions. Has the ability to suppress IGF1-induced proliferation and sulfated proteoglycan synthesis, and inhibits ligand-induced IGF1R autophosphorylation. May inhibit TGFB1-mediated induction of cartilage matrix genes via its interaction with TGFB1.</p> <p>Overexpression may lead to impair chondrocyte growth and matrix repair and indirectly promote inorganic pyrophosphate (PPi) supersaturation in aging and osteoarthritis cartilage.</p>

Gene ID:	8483
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UniProt:	<a href="#">075339</a>
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months