

Datasheet for ABIN2789922
anti-CILP antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CILP
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Horse, Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CILP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	YIKVKIVGPL EVNVRSRNMG GTHRQTVGKL YGIRDVRSTR DRDQPNVSAA
Predicted Reactivity:	Cow: 86%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CILP. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CILP
Alternative Name:	CILP (CILP Products)
Background:	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),

Target Details

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.

Alias Symbols: CILP-1, HsT18872

Protein Interaction Partner: NEDD1, CDC20,

Protein Size: 1184

Molecular Weight: 52 kDa

Gene ID: 8483

NCBI Accession: [NM_003613](#), [NP_003604](#)

UniProt: [O75339](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1184 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

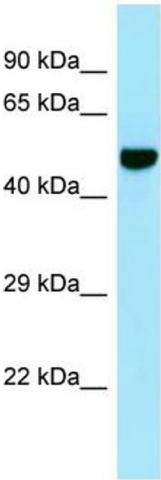
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-CILP Antibody
Catalog Number: ARP64683
Lot Number: QC35390
Lane: 721_B Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.