

# CHI3L2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14791

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q15782</a>
<b>Other Accession</b>	<a href="#">NM_004000</a> , <a href="#">NP_003991</a>
<b>Reactivity</b>	Human, Horse, Bovine
<b>Predicted</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	43501

## Additional Information

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<b>Gene ID</b>	1117
<b>Alias Symbol</b>	YKL-39, YKL39
<b>Other Names</b>	Chitinase-3-like protein 2, Chondrocyte protein 39, YKL-39, CHI3L2
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-CHI3L2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	CHI3L2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CHI3L2
<b>Function</b>	Lectin that binds chitooligosaccharides and other glycans with high affinity, but not heparin. Has no chitinase activity.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Highest expression in chondrocytes, followed by synoviocytes, lung and heart. Not detected in spleen, pancreas, and liver. May also be expressed in developing brain and placenta

## References

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Grossman A.,et al.Submitted (MAY-1996) to the EMBL/GenBank/DDBJ databases.

Hu B.,et al.J. Biol. Chem. 271:19415-19420(1996).

Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Gregory S.G.,et al.Nature 441:315-321(2006).

## Images

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WB Suggested Anti-CHI3L2 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.