

Rabbit YKL-40/CHI3L1 Polyclonal Antibody | anti-YKL-40/CHI3L1 antibody

YKL-40/CHI3L1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177477	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

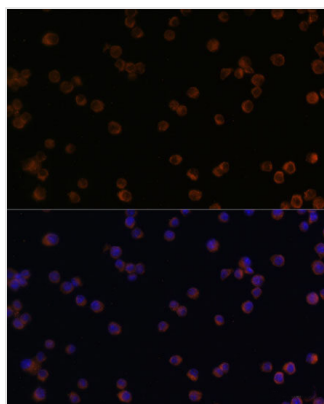
PRODUCT SYNONYMS

YKL-40/CHI3L1; Polyclonal Antibody; YKL-40/CHI3L1 Polyclonal Antibody; CHI3L1; ASRT7; CGP-39; GP-39; GP39; HC-gp39; HCGP-3P; YKL-40; YKL40; YYL-40; hCGP-39; anti-YKL-40/CHI3L1 antibody

PRODUCT SPECIFICATIONS

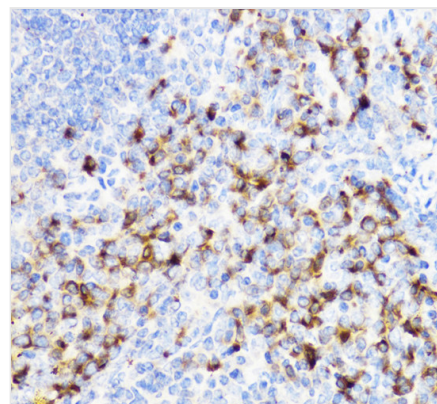
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-YKL-40/CHI3L1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human YKL-40 / CHI3L1 (NP_0012672)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



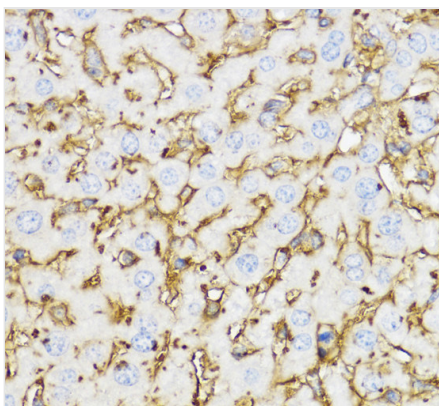
IF (Immunofluorescence)

Immunofluorescence analysis of Raw264.7 cells using YKL-40 / CHI3L1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



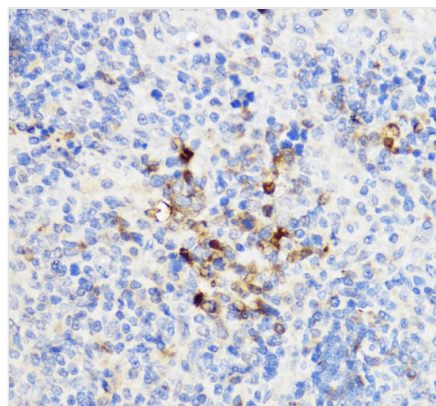
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using YKL-40 / CHI3L1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse liver using YKL-40 / CHI3L1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat spleen using YKL-40 / CHI3L1 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-YKL-40/CHI3L1 antibody	Chitinases catalyze the hydrolysis of chitin, which is an abundant glycopolymer found in insect exoskeletons and fungal cell walls. The glycoside hydrolase 18 family of chitinases includes eight human family members. This gene encodes a glycoprotein member of the glycosyl hydrolase 18 family. The protein lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. The protein is thought to play a role in the process of inflammation and tissue remodeling.
Product Categories/Family for anti-YKL-40/CHI3L1 antibody	Cancer; Signal Transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	144226251
NCBI GeneID	1116
NCBI Accession #	NP_001267.2
NCBI GenBank Nucleotide #	NM_001276.2
UniProt Accession #	P36222; P30923; Q8IVA4; Q96HI7; B2R7B0
Molecular Weight	42,625 Da
NCBI Official Full Name	chitinase-3-like protein 1
NCBI Official Synonym Full Names	chitinase 3-like 1 (cartilage glycoprotein-39)
NCBI Official Symbol	CHI3L1
NCBI Official Synonym Symbols	GP39; ASRT7; GP-39; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39
NCBI Protein Information	chitinase-3-like protein 1; 39 kDa synovial protein; cartilage glycoprotein 39
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	CHI3L1
UniProt Synonym Gene Names	CGP-39; GP-39; hCGP-39
UniProt Entry Name	CH3L1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ykl-40-chi3l1-antibody-immunofluorescence-immunohistochemistry-elisa/177477>