

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

CHI3L1/YKL-40 Rabbit anti-Human Polyclonal (aa198-247) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162582	Rabbit	Human, Monkey	Western Blot, Immunohistochemistry, Immunohistochemistry

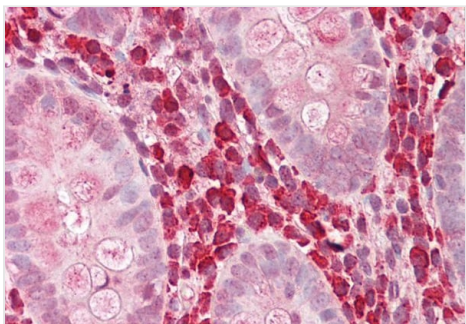
PRODUCT SYNONYMS

CHI3L1/YKL-40; Polyclonal Antibody; CHI3L1/YKL-40 Rabbit anti-Human Polyclonal (aa198-247) Antibody; IHC-plus CHI3L1/YKL-40 Antibody (aa198-247); CHI3L1; 39 kDa synovial protein; ASRT7; Cartilage glycoprotein 39; CGP-39; Chitinase-3-like protein 1; gp39; HCGP-39; HCGP-3P; GP-39; HC-gp39; YKL40; YYL-40; YKL-40; anti-CHI3L1 antibody

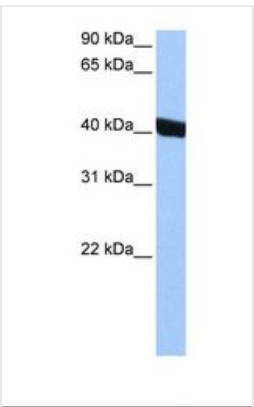
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Human CHI3L1/YKL-40
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-CHI3L1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human CHI3L1/YKL-40
Immunogen	Synthetic peptide located between aa198-247 of human CHI3L1 (P36222, NP_001267). Percent identity by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon, Monkey, Marmoset, Elephant, Rabbit (100%); Galago, Goat, Bovine, Pig (92%); Rat (76%).
Conjugation	Unconjugated
Epitope	aa198-247
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
CHI3L1/YKL-40 Antibody-Anti-YKL-40/CHI3L1 antibody IHC of human colon.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 2.5-5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)
CHI3L1/YKL-40 Antibody-HEPG2 cell lysate. Antibody concentration: 0.5 ug/ml. Gel concentration: 12%. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-CHI3L1 antibody	YKL-40 antibody is an unconjugated rabbit polyclonal antibody to YKL-40 (CHI3L1)(aa198-247) from human. It is reactive with human, rat, monkey and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	144226251
NCBI GeneID	1116
NCBI Accession #	NP_001267.2
NCBI GenBank Nucleotide #	NM_001276
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.