CHI3L1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHI3L1, Polyclonal Antibody
Full Product Name	CHI3L1
Product Gene Name	anti-CHI3L1 antibody
Product Synonym Names	Purified Rabbit Anti Human CHI3L1 Polyclonal antibody; ASRT7; CGP-39; GP-39; GP39; HC-gp39; HCGP-3P; YKL-40; YKL40; YYL-40; hCGP-39
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	43KD
Immunogen	Recombinant fragment corresponding to 46-214aa of human CHI3L1.
Cellular Localization	Cytoplasm, Endoplasmic Reticulum, Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CHI3L1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-CHI3L1 antibody	ELISA: 1:20000-80000 WB: 1:200-1,000
Related Product Information for anti-CHI3L1 antibody	MBS8564215 is an antibody targeting CHI3L1. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens chitinase 3-like 1 (cartilage glycoprotein-39), mRNA
Product References and Citations for anti-CHI3L1 antibody	Salomon J, Matusiak, Nowicka-Suszko D. et al. Chitinase-3-Like Protein 1 (YKL-40) Is a New Biomarker of Inflammation in Psoriasis. Mediators of inflammation. (2017)
Other Notes	Small volumes of anti-CHI3L1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHI3L1. It may not necessarily be applicable to this product.

NCBI GI #	14919432
NCBI GeneID	1116
NCBI Accession #	BC008568
UniProt Related Accession #	P36222
NCBI Official Full Name	Homo sapiens chitinase 3-like 1 (cartilage glycoprotein-39), mRNA

NCBI Official Synonym Full Names	chitinase 3 like 1
NCBI Official Symbol	CHI3L1
NCBI Official Synonym Symbols	GP39; ASRT7; GP-39; YK-40; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39
Protein Family	Chitinase-3-like protein
NCBI Protein Information	chitinase-3-like protein 1
NCBI Summary for CHI3L1	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. [provided by RefSeq, Sep 2009]
Research Articles on CHI3L1	**1.** The differential expression of the immunomodulatory molecule YKL-40/CHI3L1 may affect the treatment efficacy of PI3K/AKT-based pathway inhibitors in glioblastoma.
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