

GP-39 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00795
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human GP-39
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF, WB
Concentration	1 mg/ml
Full name	GP-39
Synonyms	GP-39; Chitinase-3-like protein 1; 39 kDa synovial protein; Cartilage glycoprotein 39; CGP-39; GP39; hCGP-39; YKL-40; YKL40

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

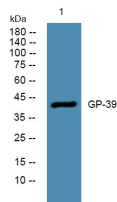
Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year