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Gelsolin Polyclonal Antibody

Catalog Number PA5-18605

Product data sheet

Details	
Size	100 µg
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide sequence (PRLKDKKMDAHP) corresponding to the internal amino acids of GSN
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Flow Cytometry (Flow)	10 µg/mL
Western Blot (WB)	0.1-2 µg/mL

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody is predicted to react with canine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Background/Target Information

The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.

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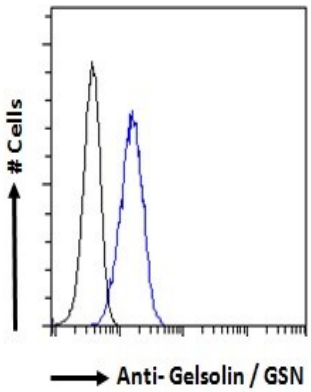
Product Images For Gelsolin Polyclonal Antibody

Gelsolin Antibody (PA5-18605) in WB

Western blot analysis of Gelsolin using Gelsolin Polyclonal Antibody (Product # PA5-18605) (1 µg/mL) in staining of Human Colorectal cancer lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Gelsolin Antibody (PA5-18605) in Flow

Flow cytometric analysis of Gelsolin in HeLa cells using a polyclonal antibody (Product #PA5-18605). HeLa cells (blue line) were paraformaldehyde fixed and permeabilized with 0.5% Triton. The primary antibody was incubated for one hour (10 µg/mL) followed by an Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by an Alexa Fluor 488 secondary antibody.

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