

Goat Anti-Gelsolin / GSN Antibody

Peptide-affinity purified goat antibody Catalog # AF1476a

Specification

Goat Anti-Gelsolin / GSN Antibody - Product Information

Application WB, E **Primary Accession** P06396

Other Accession NP 937895, 2934, 227753 (mouse), 296654

Reactivity Human

Predicted Mouse, Rat, Dog

Host Goat Clonality **Polyclonal** Concentration 100ug/200ul

Isotype **I**g**G** Calculated MW 85698

Goat Anti-Gelsolin / GSN Antibody - Additional Information

Gene ID 2934

Other Names

Gelsolin, AGEL, Actin-depolymerizing factor, ADF, Brevin, GSN

Dilution

WB~~1:1000 E~~N/A

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Gelsolin / GSN Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Gelsolin / GSN Antibody - Protein Information

Name GSN

Function

Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin



monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed (PubMed:19666512). Plays a role in ciliogenesis (PubMed:20393563).

Cellular Location

[Isoform 2]: Cytoplasm, cytoskeleton.

Tissue Location

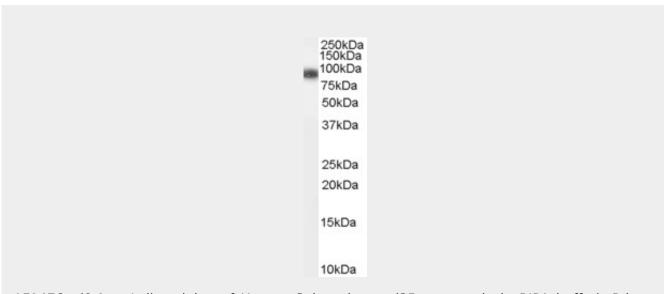
Phagocytic cells, platelets, fibroblasts, nonmuscle cells, smooth and skeletal muscle cells

Goat Anti-Gelsolin / GSN Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-Gelsolin / GSN Antibody - Images



AF1476a (0.1 μ g/ml) staining of Human Spleen lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Gelsolin / GSN Antibody - Background

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.

Goat Anti-Gelsolin / GSN Antibody - References





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