

**Gelsolin Antibody**  
Rabbit mAb  
Catalog # AP91830

## Specification

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### Gelsolin Antibody - Product Information

Application **WB, IHC, FC, ICC**  
Primary Accession **[P06396](#)**  
Clonality **Monoclonal**  
**Other Names**  
ADF; AGEL; Brevin; Gelsolin; Gsn;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **85698 Da**

### Gelsolin Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human Gelsolin**  
Description **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. Plays a role in ciliogenesis.**  
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### Gelsolin 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](http://www.uniprot.org/citations/19666512)). Plays a role in ciliogenesis (PubMed: [20393563](http://www.uniprot.org/citations/20393563)).

#### **Cellular Location**

[Isoform 2]: Cytoplasm, cytoskeleton.

#### Tissue Location

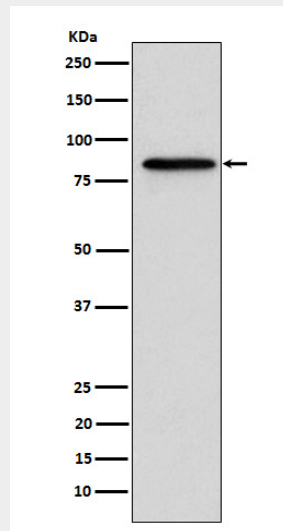
Phagocytic cells, platelets, fibroblasts, nonmuscle cells, smooth and skeletal muscle cells

#### Gelsolin 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 Cytometry](#)
- [Cell Culture](#)

#### Gelsolin Antibody - Images



Western blot analysis of Gelsolin expression in A431 cell lysate.