

**GSN Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20726a**

**Specification**

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**GSN Antibody (N-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P06396</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>85698</b>

**GSN Antibody (N-term) - Additional Information**

**Gene ID** 2934

**Other Names**

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

**Target/Specificity**

This GSN antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 36-70 amino acids from the N-terminal region of human GSN.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

GSN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GSN Antibody (N-term) - 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.

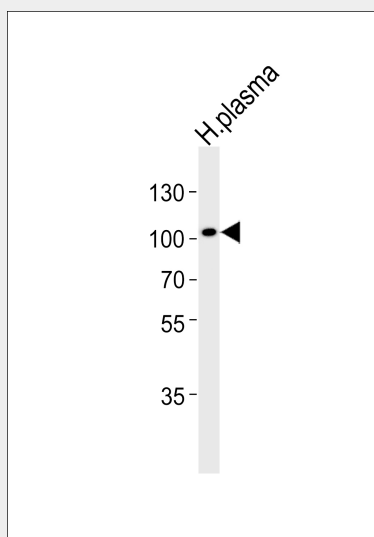
**Tissue Location**

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

**GSN Antibody (N-term) - 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](#)

**GSN Antibody (N-term) - Images**

Western blot analysis of lysate from human plasma tissue lysate, using GSN Antibody (N-term)(Cat. #AP20726a). AP20726a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

**GSN Antibody (N-term) - Background**

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.

**GSN Antibody (N-term) - References**

Kwiatkowski D.J., et al. Nature 323:455-458(1986).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Humphray S.J., et al. Nature 429:369-374(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).