



## Goat anti-Gelsolin / GSN Antibody

<b>Item Number</b>	dAP-0952
<b>Target Molecule</b>	Principle Name: Gelsolin / GSN; Official Symbol: GSN; All Names and Symbols: GSN; ; gelsolin; gelsolin (amyloidosis, Finnish type) ; DKFZp313L0718; Accession Number (s): NP_000168.1; NP_937895.1; Human Gene ID(s): 2934; Non-Human GeneID(s): 227753 (mouse) 296654 (rat)
<b>Immunogen</b>	PRLKDKKMDAHP, is from internal region This antibody is expected to recognize both reported isoforms (NP_000168.1 and NP_937895.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 90kDa band observed in Human Spleen lysates (calculated MW of 85.7kDa according to NP_000168.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Tanaka H, Shirkoohi R, Nakagawa K, Qiao H, Fujita H, Okada F, Hamada J, Kuzumaki S, Takimoto M, Kuzumaki N. siRNA gelsolin knockdown induces epithelial-mesenchymal transition with a cadherin switch in human mammary epithelial cells. Int J Cancer. 2006 Apr 1;118(7):1680-91. .PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**