

# Gelsolin Rabbit Polyclonal Antibody

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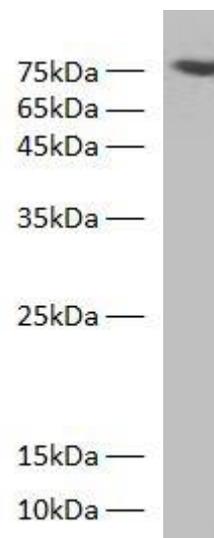
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<b>Synonyms:</b>	Actin depolymerizing factor, ADF, AGEL,GSN
<b>Attribute:</b>	Rabbit Polyclonal Antibody
<b>Isotype:</b>	IgG
<b>Purity:</b>	Antigen Affinity Purification
<b>Application:</b>	ELISA, WB, IP
<b>Calculated MW:</b>	80kDa
<b>Observed MW:</b>	80kDa
<b>Reactivity:</b>	Human,Mouse,Rat,Zebra fish
<b>Immunogen:</b>	Recombinant Human Gelsolin protein expressed by E.Coli
<b>Buffer:</b>	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
<b>Storage:</b>	Store at -20°C. Do not aliquot
<b>Recommended Dilution:</b>	WB: 1:1000-2000 IP: 1:5000-10000 IF: 1:100-200



Western blot of Zebra Fish whole lysates with anti-Gelsolin Rabbit Polyclonal Antibody at dilution of 1:1000

## Background:

Gelsolin (GSN) is an actin binding protein that regulates actin-severing/depolymerizing in a calcium dependent manner, and acts as a multifunctional regulator for cell metabolism and survival. Gelsolin exists in two isoforms: a cytoplasmic gelsolin (cGSN; 80-90 kDa) and a plasma gelsolin (pGSN; 93 kDa), differing at N terminal residues. Decreased levels of pGSN are strongly associated with human diseases, such as, acute liver injury, major trauma, myocardial infarction, inflammation, lung injury, rheumatoid arthritis, hemodialysis, multiple sclerosis, Alzheimer's disease..

We focus on precise protein quantification