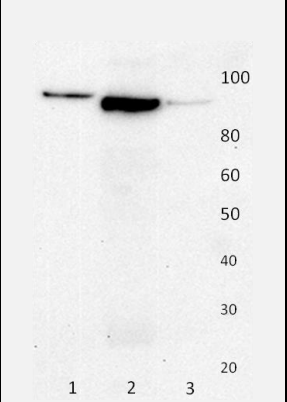


Human Gelsolin (*UnitProt # P06396*) is a potent calcium regulated actin filament severing protein that works to disassemble and reorganize the actin network. The extracellular isoform, plasma gelsolin, is suggested to act as an actin scavenging protein. Decreased levels of plasma gelsolin have been reported in trauma, burns, rheumatoid arthritis, and alzheimer disease.

Description	
Immunogen	Recombinant Human Gelsolin expressed in E. coli
Reactivity	Human, Bovine, Swine, Horse, Goat, Canine, Guinea Pig
Source	Polyclonal rabbit IgG
Purification	Antigen affinity purified
Applications	ELISA, WB, IP
Formulation	Lyophilized from PBS with trehalose Reconstitute in 100µL ddH <sub>2</sub> O to 1 mg/mL
Shipping	Ambient
Storage	5 years at -20°C to -80°C as supplied 1 month at 4°C after reconstitution with preservative 1 year at -20°C to -80°C after reconstitution
Expiration	06/2022
	<b>WB Detection of human gelsolin</b>  SDS PAGE 4-12%, reducing conditions Blocking: 5% NFDM, PBS Lane 1: Recombinant human gelsolin (Cat # P4004), 10ng Lane 2: Albumin depleted human plasma, 100µg Lane 3: Albumin depleted human plasma, 10µg Blot was probed with 0.2µg/mL R3005 followed by HRP detection antibody. Human gelsolin was detected at 95kDa.

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