

Gelsolin Polyclonal Antibody

Catalog number: 11644-2-AP

Size: 20 µg/150 µl

Source: Rabbit

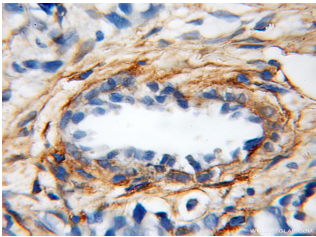
Isotype: IgG

Synonyms:

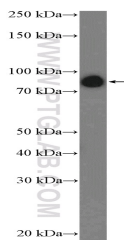
GSN; Actin depolymerizing

factor, ADF, AGEL, Brevin,

DKFZp313L0718, Gelsolin, GSN



Immunohistochemical of paraffin-embedded human prostate cancer using 11644-2-AP(GSN antibody) at dilution of 1:50 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 11644-2-AP(Gelsolin 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.

Applications

Tested applications:	ELISA, IHC, WB
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated Gelsolin MW:	782aa, 86 kDa
Observed Gelsolin MW:	87-93 kDa
Positive WB detected in	HeLa cells, human liver tissue
Positive IHC detected in	Human prostate cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2239
GenBank accession number:	BC026033
Gene ID (NCBI):	2934
Full name:	Gelsolin (amyloidosis, Finnish type)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS only, pH 7.3. Store at -20°C.