

Rabbit Gelsolin Polyclonal Antibody | anti-GSN antibody

Anti-Gelsolin antibody

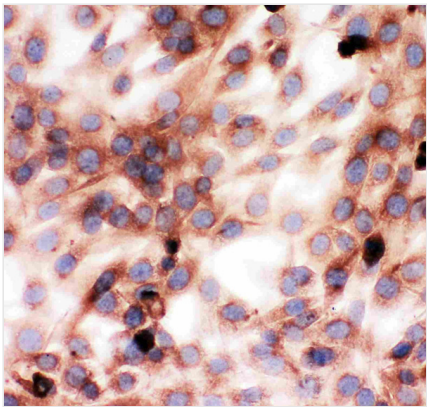
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45688	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

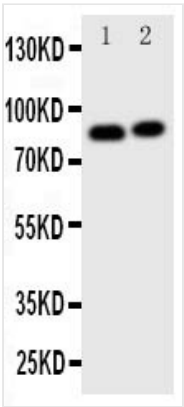
Gelsolin; Polyclonal Antibody; Anti-Gelsolin antibody; gelsolin; Actin depolymerizing factor antibody; Actin-depolymerizing factor antibody; ADF antibody; AGEL antibody; Amyloidosis Finnish type antibody; Brevin antibody; DKFZp313L0718 antibody; GELS_HUMAN antibody; Gelsolin antibody; GSN antibody; anti-GSN antibody

PRODUCT SPECIFICATIONS

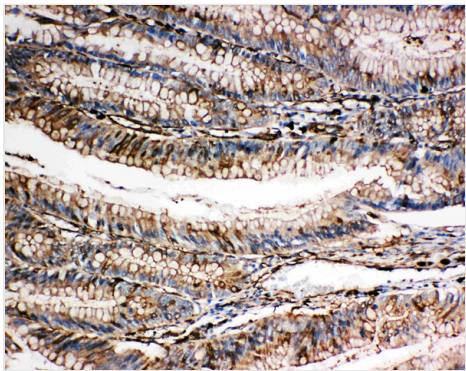
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	782
Applicable Applications for anti-GSN antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Gelsolin (763-775aa WDDDYWSVDPLDR), identical to the related rat sequence, and different from the related mouse sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



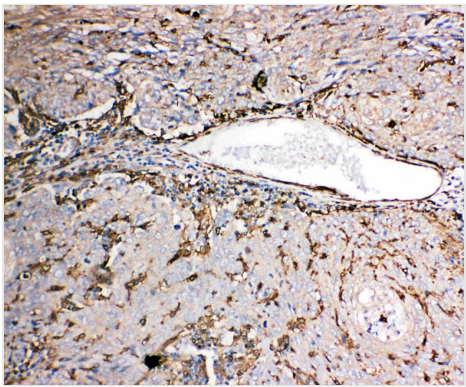
ICC (Immunocytochemistry)
Anti-Gelsolin antibody, AAA45688, ICCICC: NIH3T3 Cell



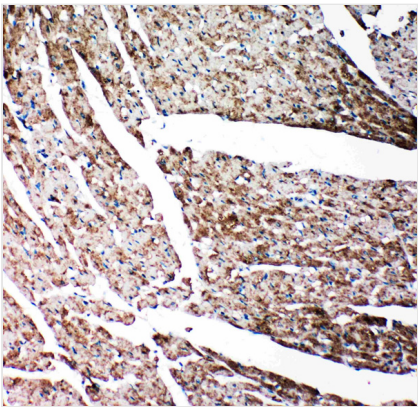
WB (Western Blot)
Anti-Gelsolin antibody, AAA45688, Western blottingAll lanes: Anti Gelsolin (AAA45688) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A431 Whole Cell Lysate at 40ugPredicted bind size: 86KDObserved bind size: 86KD



IHC (Immunohistochemistry)
Anti-Gelsolin antibody, AAA45688, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti-Gelsolin antibody, AAA45688, IHC(P)IHC(P): Human Lung Cancer Tissue



IHC (Immunohistochemistry)
Anti-Gelsolin antibody, AAA45688, IHC(P)IHC(P): Rat Cardiac Muscle Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GSN antibody	Description: Rabbit IgG polyclonal antibody for Gelsolin(GSN) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: Gelsolin also known as GNS is an actin-binding protein that is a key regulator of actin filament assembly and disassembly. Gelsolin is one of the most potent members of the actin-severing gelsolin/villin superfamily. The gene was assigned to human chromosome 9q33.2. Gelsolin is also known as brevin, or actin-depolymerizing factor; it is the principal intracellular and extracellular actin-severing protein. Gelsolin and Gc protein together constitute the extracellular actin-scavenger system which prevents the toxic effects of actin release into the extracellular space under circumstances of cell necrosis. Gelsolin may have therapeutic potential as a mucolytic agent in CF patients. The antiapoptotic activity of gelsolin seems to prevent a step leading to cytochrome c release from the mitochondria into the cytosol.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121116
NCBI GeneID	2934
UniProt Accession #	P06396; Q5T0I2; Q8WVV7; A2A418; A8MUD1; A8MYN7; B7Z373; B7Z5V1; F5H1A8
Molecular Weight	81,485 Da
NCBI Official Full Name	Gelsolin
NCBI Official Synonym Full Names	gelsolin
NCBI Official Symbol	GSN
NCBI Official Synonym Symbols	ADF; AGEL
NCBI Protein Information	gelsolin; brevin; actin-depolymerizing factor
UniProt Protein Name	Gelsolin
UniProt Gene Name	GSN
UniProt Synonym Gene Names	ADF
UniProt Entry Name	GELS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gelsolin-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45688>