

Datasheet for ABIN738546

anti-Gelsolin antibody (AA 51-150)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Binding Specificity:	AA 51-150
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gelsolin
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	Gelsolin (GSN)
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Target Details

Alternative Name:	Gelsolin (GSN Products)
Background:	Synonyms: Actin depolymerizing factor, ADF, AGEL, Amyloidosis Finnish type, Brevin, DKFZp313L0718, GSN, GELS_HUMAN, Actin-depolymerizing factor. Background: Gelsolin is a calcium dependent actin binding protein. It is a potent modulator of actin filament length and gelation. Gelsolin has been shown to exist in at least two variant forms, cytoplasmic gelsolin and plasma gelsolin. Plasma gelsolin has also been called actin depolymerizing factor (ADF) or brevin. Human plasma and rabbit macrophage gelsolins differ by the presence of a 25 amino acid residue extension at the NH2 terminus in the human plasma gelsolin, which appears to account for the difference in relative molecular weights.
Gene ID:	2934
UniProt:	P06396
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

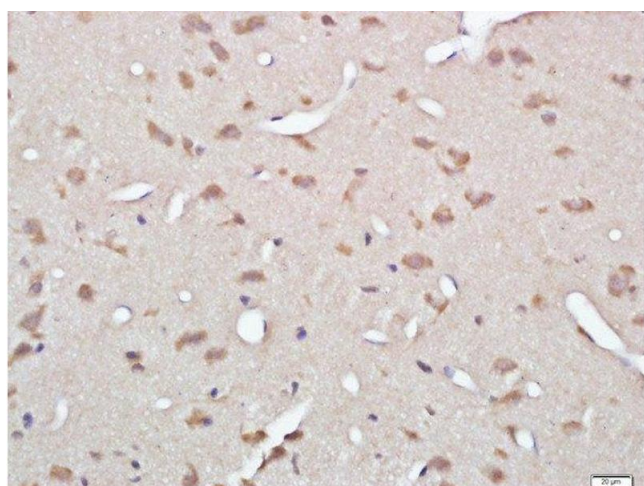
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Wang, Yang, Liu, Zhou, Wu, Qiao, Li, Wang: "Dietary supplementation with the probiotic *Lactobacillus fermentum* I5007 and the antibiotic aureomycin differentially affects the small intestinal proteomes of weanling piglets." in: **The Journal of nutrition**, Vol. 142, Issue 1, pp. 7-13, (2011) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded rat brain, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with Gelsolin Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.