

Datasheet for ABIN7442030
anti-Gelsolin antibody (AA 577-771)

8 Images

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Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Binding Specificity:	AA 577-771
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Gelsolin (GSN)
Immunogen:	Recombinant Gelsolin (GSN) corresponding to Arg577~Asp771 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GSN. It has been selected for its ability to recognize GSN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

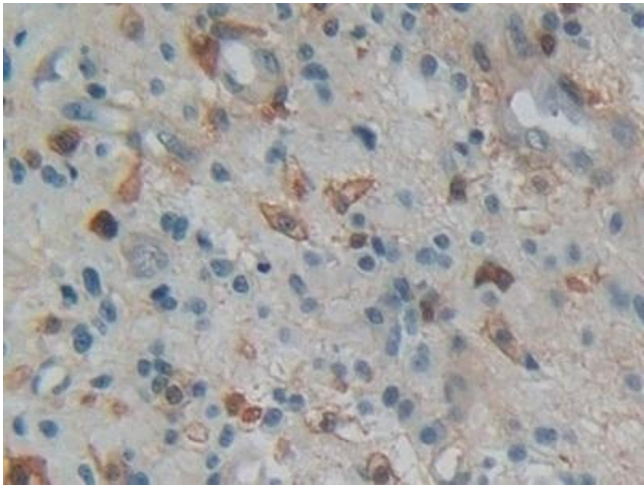
Target:	Gelsolin (GSN)
Alternative Name:	Gelsolin (GSN Products)
Background:	GS, AGEL, ADF, Brevin, Gelsolin Amyloidosis, Finnish Type, Actin-depolymerizing factor
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

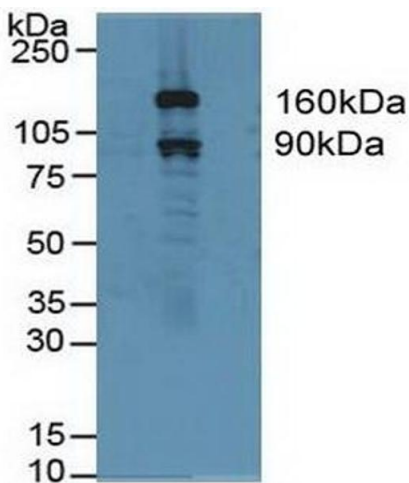
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



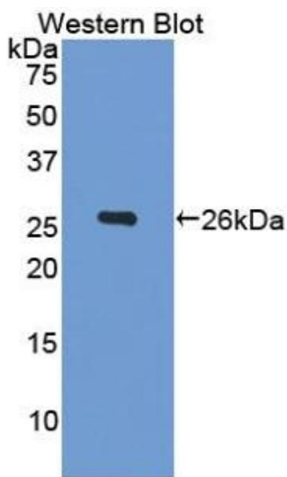
Immunohistochemistry

Image 1. Detection of GSN in Human Glioma Tissue using Polyclonal Antibody to Gelsolin (GSN)



Western Blotting

Image 2. Detection of GSN in Human HeLa Cells using Polyclonal Antibody to Gelsolin (GSN)



Western Blotting

Image 3. Detection of Recombinant Gelsolin, Human using Polyclonal Antibody to Gelsolin (GSN)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7442030.