

Datasheet for ABIN7429301
anti-Gelsolin antibody (AA 432-625)

5 Images

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Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | Gelsolin (GSN) |
| Binding Specificity: | AA 432-625 |
| Reactivity: | Mouse |
| 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 Ala432~Ser625 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: | Human, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

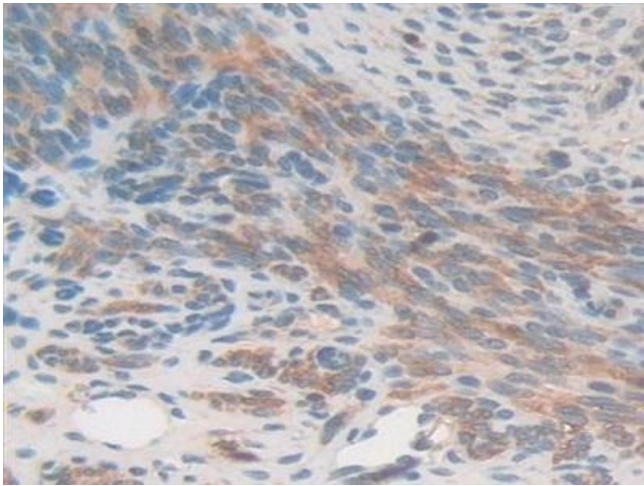
| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Target: | Gelsolin (GSN) |
| Alternative Name: | Gelsolin (GSN Products) |
| Background: | GS, AGEL, ADF, Brevin, Gelsolin Amyloidosis,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

Application Details

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| 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 |

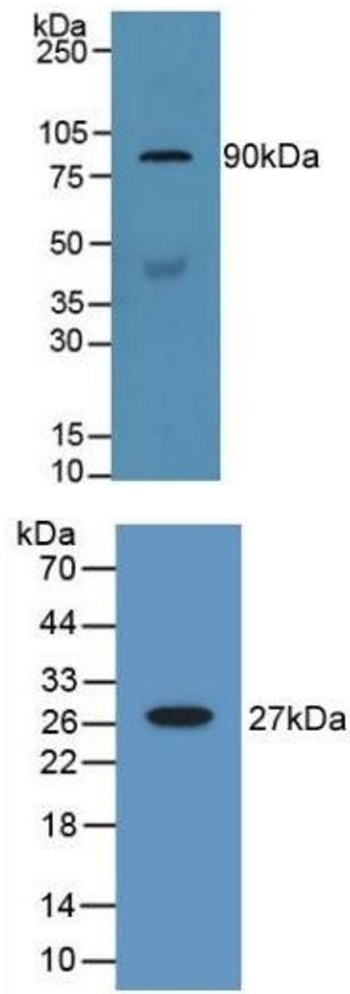
Handling

| | |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Mouse Uterus Tissue using Polyclonal Antibody to Gelsolin (GSN)



Western Blotting

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

Western Blotting

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

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7429301.