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Datasheet for ABIN7428656

## anti-Gelsolin antibody (AA 170-423)

6 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Binding Specificity:	AA 170-423
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Gelsolin (GSN)
Immunogen:	Recombinant Gelsolin (GSN) corresponding to Gly170~Tyr423 (Accession # Q3SX14)
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GSN. It has been selected for its ability to recognize GSN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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

## Application Details

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Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

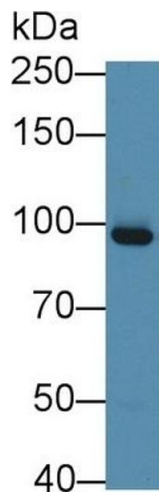
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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

## Publications

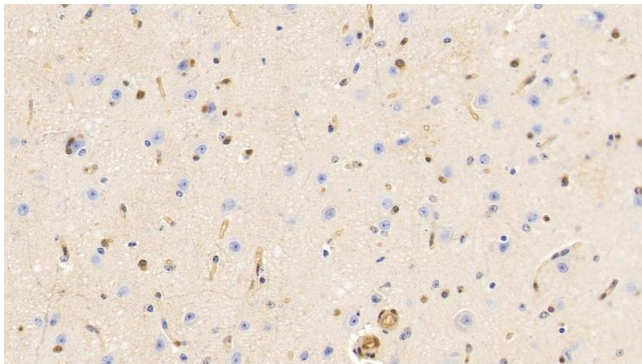
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Product cited in:	Rešetar Maslov, Farkaš, Rubić, Kuleš, Beletić, Beer Ljubić, Šmit, Mrljak, Torti: "Serum Proteomic Profiles Reflect the Stages of Myxomatous Mitral Valve Disease in Dogs." in: <b>International journal of molecular sciences</b> , Vol. 24, Issue 8, (2023) ( <a href="#">PubMed</a> ).
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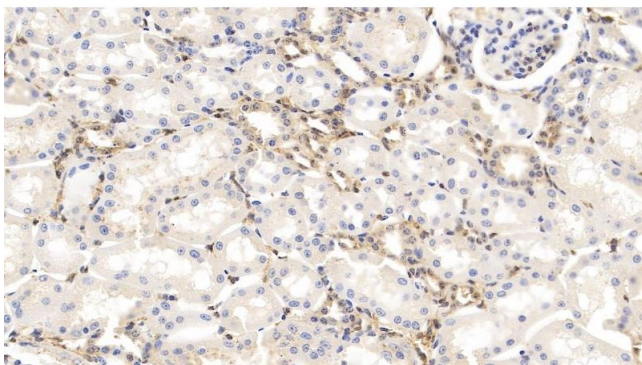
#### Western Blotting

**Image 1.** Detection of GSN in Bovine Lung lysate using Monoclonal Antibody to Gelsolin (GSN)



#### Immunohistochemistry

**Image 2.** Detection of GSN in Bovine Cerebrum Tissue using Monoclonal Antibody to Gelsolin (GSN)



#### Immunohistochemistry

**Image 3.** Detection of GSN in Bovine Kidney Tissue using Monoclonal Antibody to Gelsolin (GSN)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7428656.