

**CAU30495 Bovine**  
**Monoclonal Antibody to Gelsolin (GSN)**  
**Organism Species: *Bos taurus*; Bovine (Cattle)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C2

**Traits:** Liquid

**Concentration:** 1mg/ml

**UOM:** 100µg(100µl)

**Cross Reactivity:** Human

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant GSN (Gly170~Tyr423 (Accession # Q3SX14)) expressed in *E.coli*

**Accession No.:** RPA372Bo01

**[ APPLICATIONS ]**

Western blotting: 0.5-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

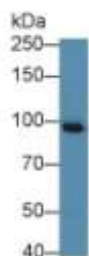
**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

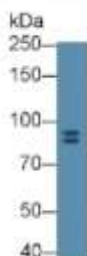
Aliquot and store at -20°C for 24 months.

**Stability Test:** 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.

**[ IDENTIFICATION ]**

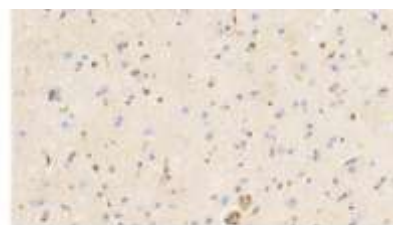


Western Blot; Sample: Bovine Lung lysate; Primary Ab: 3µg/ml Mouse Anti-Bovine GS Antibody Second A



Western Blot; Sample: Human A549 cell lysate; Primary Ab: 3µg/ml Mouse Anti-Bovine GS Antibody  
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;  
Samples: Bovine Cerebrum Tissue;  
Primary Ab: 10µg/ml Mouse Anti-Bovine GS Antibody  
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



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[ IMPORTANT NOTE ]



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The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.



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