antibodies -online.com







anti-Gelsolin antibody (C-Term)





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| Quantity: | 100 μL |
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| Target: | Gelsolin (GSN) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Gelsolin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

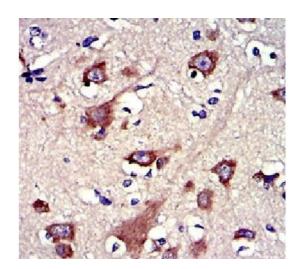
| Immunogen: | A synthesized peptide derived from human Gelsolin, corresponding to a region within C-terminal amino acids. |
|-----------------------|--|
| Isotype: | IgG |
| Specificity: | Gelsolin Antibody detects endogenous levels of total Gelsolin. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific). |

Target Details

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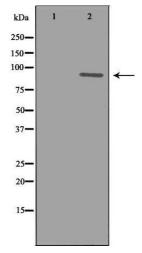
Target Details

| rarget Details | |
|---------------------|---|
| Alternative Name: | GSN (GSN Products) |
| Background: | Description: Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. Plays a role in ciliogenesis. Gene: GSN |
| Molecular Weight: | 90kDa |
| Gene ID: | 2934 |
| UniProt: | P06396 |
| Pathways: | Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization, Autophagy |
| Application Details | |
| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



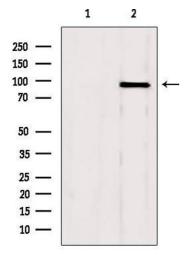
Immunohistochemistry

Image 1. |Immunohistochemistry of paraffin-embedded human brain cancer tissue using GSNantibody.



Western Blotting

Image 2. Western blot analysis of extracts of RAW264.7 lysate, using GSN antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of extracts from mouse brain, using GSN Antibody. Lane 1 was treated with the blocking peptide.