

Datasheet for ABIN7267364
anti-Gelsolin antibody

3 Images



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Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Gelsolin Rabbit mAb
Immunogen:	A synthesized peptide derived from human Gelsolin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Gelsolin (GSN)
Alternative Name:	GSN (GSN Products)
Background:	The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to

Target Details

prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],ADF, AGEL,Apoptosis,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Actins,Cytoskeleton_Microfilaments,Signal Transduction,GSN

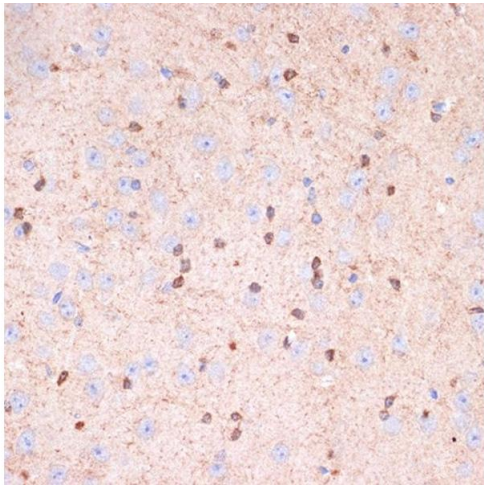
Molecular Weight:	86kDa
Gene ID:	2934
UniProt:	P06396
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

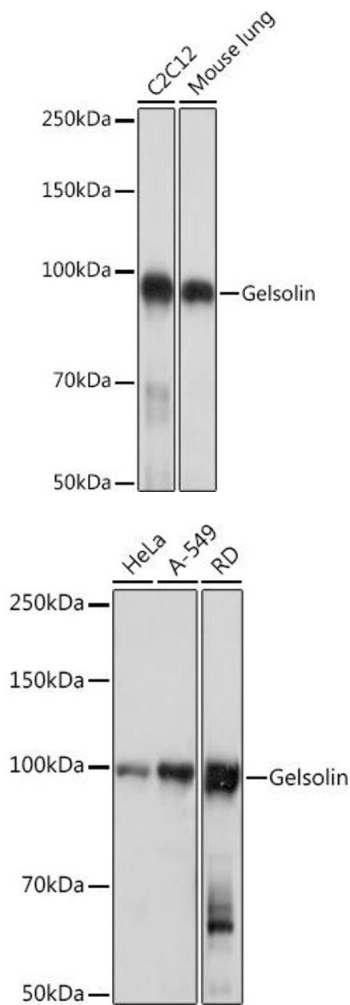
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using Gelsolin Rabbit mAb (ABIN7267364) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Gelsolin Rabbit mAb (ABIN7267364) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Gelsolin Rabbit mAb (ABIN7267364) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.