

Datasheet for ABIN1538731
anti-Gelsolin antibody (N-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	Gelsolin (GSN)
Binding Specificity:	AA 230-259, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GSN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 230-259 amino acids from the N-terminal region of human GSN.
Clone:	328CT2-2-1
Isotype:	IgM kappa
Predicted Reactivity:	B
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	Gelsolin (GSN)
Alternative Name:	GSN (GSN Products)

Target Details

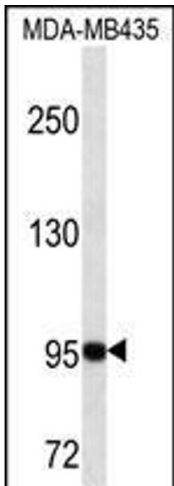
Background:	The protein encoded by this gene binds to the 'plus' ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.
Molecular Weight:	85698
Gene ID:	2934
NCBI Accession:	NP_000168 , NP_001121134 , NP_001121135 , NP_001121136 , NP_001121137 , NP_001121138 , NP_001121139 , NP_001244958 , NP_001244959 , NP_937895
UniProt:	P06396
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	WB: 1:1000. WB: 1:100~500
Restrictions:	For Research Use only

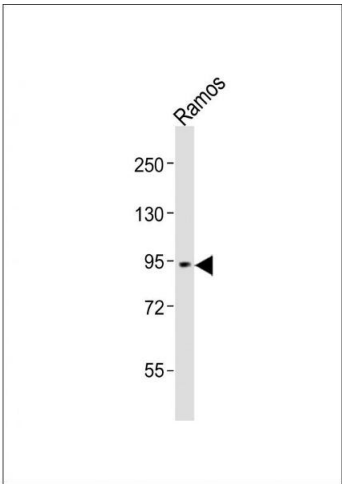
Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	GSN Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. GSN Antibody (N-term) (ABIN1538731 and ABIN2843784) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the GSN antibody detected the GSN protein (arrow).



Western Blotting

Image 2. Anti-GSN Antibody (N-term) at 1:1000 dilution + Ramos whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.