

Datasheet for ABIN4910400
anti-Gelsolin antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
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:	8T1
Isotype:	IgM
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	Gelsolin (GSN)
Alternative Name:	GSN (GSN Products)
Background:	Synonyms: ADF, AGEL, Gelsolin, Actin-depolymerizing factor, Brevin, GSN Background: Calcium-regulated, actin-modulating protein that binds to the plus (or barbed)

Target Details

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.

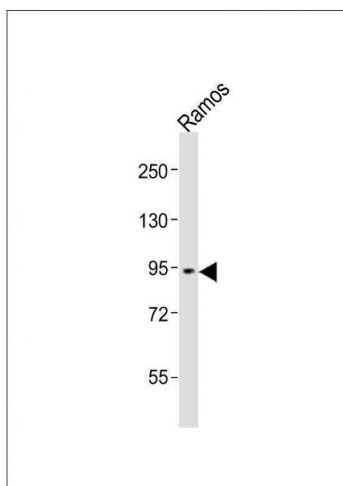
Gene ID:	2934
UniProt:	P06396
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



Western Blotting

Image 1. Ramos cell lysate (20 µg) probed with bsm-51086M GSN (328CT2.2.1) Monoclonal Antibody at 1:1000 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*