

Datasheet for ABIN3031036
anti-Gelsolin antibody (AA 763-775)[Go to Product page](#)

8 Images

Overview

Quantity:	100 µg
Target:	Gelsolin (GSN)
Binding Specificity:	AA 763-775
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 763-775 (WDDDYWSVDPLDR-human) were used as the immunogen for this Gelsolin antibody (100% rat homology).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Gelsolin (GSN)
Alternative Name:	Gelsolin (GSN Products)
Background:	Gelsolin also known as GNS is an actin-binding protein that is a key regulator of actin filament assembly and disassembly. It is one of the most potent members of the actin-severing

Target Details

gelsolin/villin superfamily. The gene was assigned to human chromosome 9q33.2. Gelsolin is also known as brevin, or actin-depolymerizing factor, it is the principal intracellular and extracellular actin-severing protein. Gelsolin and Gc protein together constitute the extracellular actin-scavenger system which prevents the toxic effects of actin release into the extracellular space under circumstances of cell necrosis. It may have therapeutic potential as a mucolytic agent in CF patients. The antiapoptotic activity of Gelsolin seems to prevent a step leading to cytochrome c release from the mitochondria into the cytosol.

UniProt: [P06396](#)

Pathways: [Caspase Cascade in Apoptosis](#), [Regulation of Actin Filament Polymerization](#), [Autophagy](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Gelsolin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

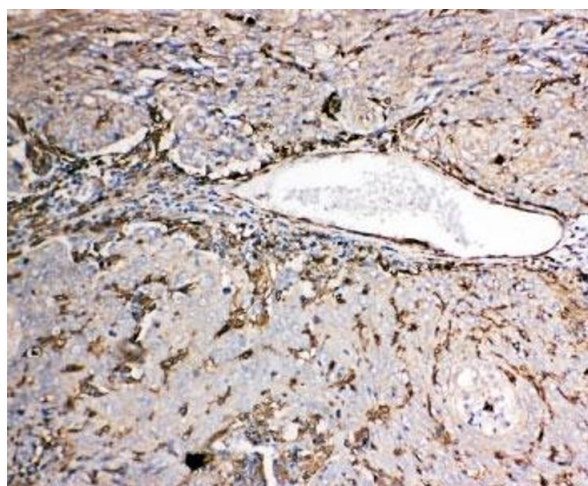
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

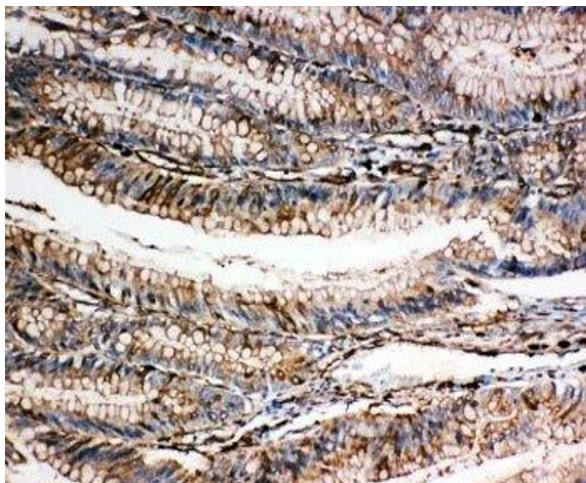
Storage Comment: After reconstitution, the Gelsolin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



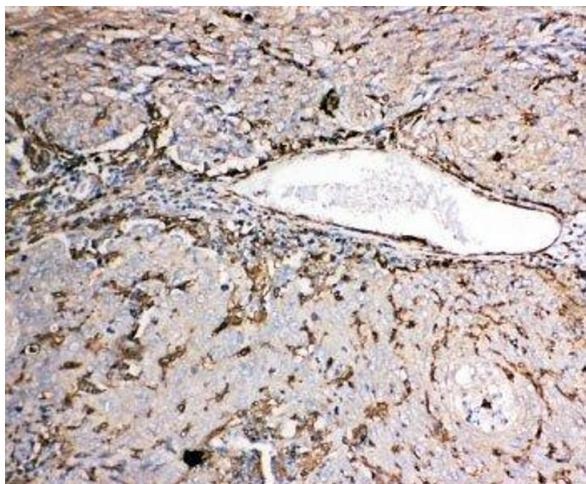
Immunohistochemistry

Image 1. IHC-P: Gelsolin antibody testing of human lung cancer tissue. HIER: steamed with pH6 citrate buffer.



Immunohistochemistry

Image 2. IHC-P: Gelsolin antibody testing of human intestine cancer tissue



Immunohistochemistry

Image 3. IHC-P: Gelsolin antibody testing of human lung cancer tissue

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3031036.