

Gelsolin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 561 and 782 of Human Gelsolin
Form	Liquid
Concentration	0.27 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544826

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

Product Specific Information

Recommended positive controls: H1299, HeLa, human plasma, rat plasma, mouse plasma.

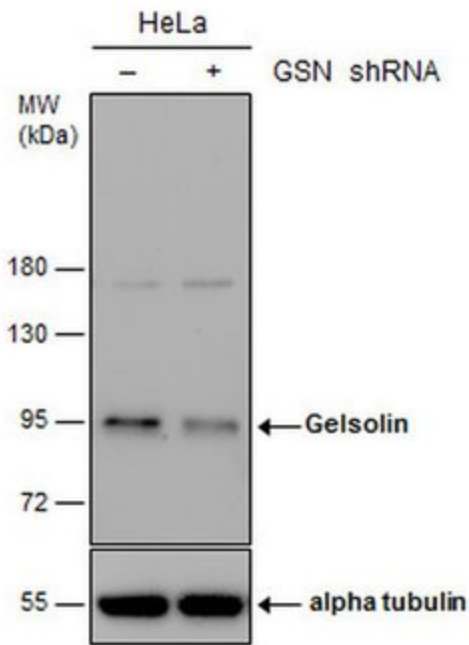
Predicted reactivity: Mouse (94%), Rat (94%), Chicken (81%), Sheep (98%), Bovine (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

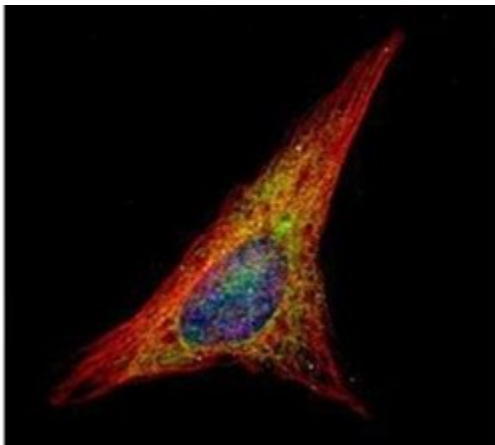
Advanced Verification Data

Gelsolin Antibody (PA5-27350)

Antibody specificity was demonstrated by shRNA mediated knockdown of the target protein. HeLa cells were transfected with Gelsolin shRNA and decrease in signal intensity was observed in Western blot application using Gelsolin Polyclonal Antibody (Product # PA5-27350). Knockdown validation info.

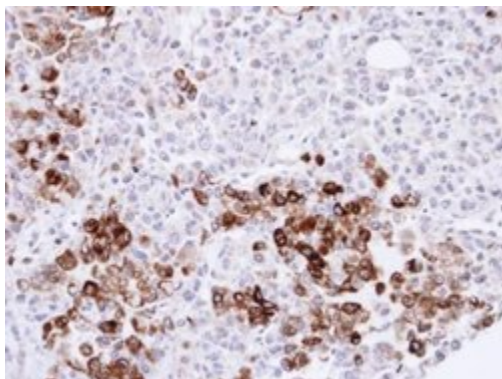


Product Images For Gelsolin Polyclonal Antibody



Gelsolin Antibody (PA5-27350) in ICC/IF

Immunofluorescent analysis of Gelsolin in methanol-fixed HeLa cells using a Gelsolin polyclonal antibody (Product # PA5-27350) (Green) at a 1:500 dilution. Alpha-tubulin filaments were labeled with Product # PA5-29281 (Red) at a 1:2000.



Gelsolin Antibody (PA5-27350) in IHC (P)

Immunohistochemical analysis of Gelsolin in paraffin-embedded H1299 xenograft using a Gelsolin polyclonal antibody (Product # PA5-27350) at a dilution of 1:500.

1 Reference

Western Blot (1)

Disease models & mechanisms

Renal carcinoma/kidney progenitor cell chimera organoid as a novel tumorigenesis gene discovery model.

"PA5-27350 was used in Western Blotting to compare renal ontogenesis control genes to the genes involved in kidney cancer which may provide new growth-associated gene screens in the context of the behavioural roles of cancer cells."

Authors: Xu Q, Junttila S, Scherer A, Giri KR, Kivelä O, Skovorodkin I, Rönning J, Quaggin SE, Marti HP, Shan J, Samoylenko A, Vainio SJ

Species
Mouse

Dilution
1:1000

Year
2017

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