

Stathmin 1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 85 and 149 of Human Stathmin 1
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, 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_2545568

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:20,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

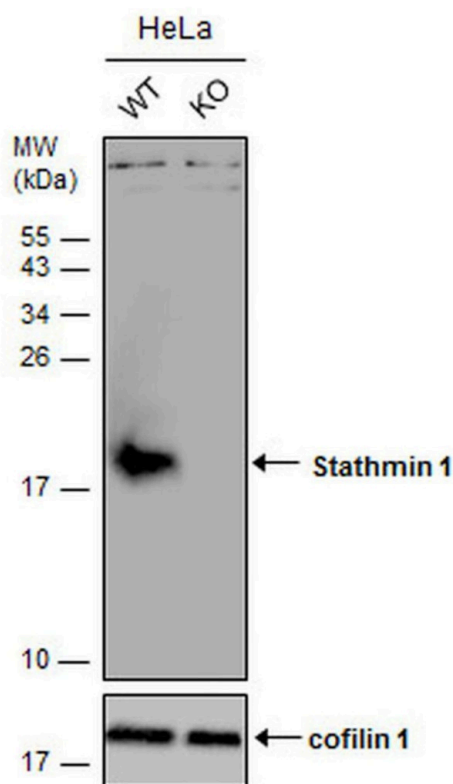
Product Specific Information

Recommended positive controls: HeLa, 293T, A431, H1299, mouse brain, rat brain, PC-12, Rat2.

Predicted reactivity: Mouse (100%), Rat (100%), Pig (100%), Bovine (100%).

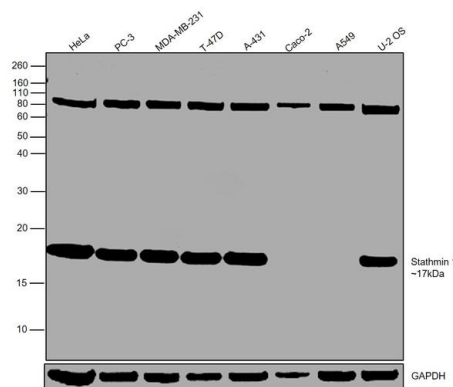
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For Stathmin 1 Polyclonal Antibody



Stathmin 1 Antibody (PA5-28092)

Antibody specificity was demonstrated by Knocking out the target protein. Stathmin 1 knockout (KO) HeLa cell extracts shows decrease in signal intensity in western blot application using Stathmin 1 polyclonal antibody (Product # PA5-28092). {KO}

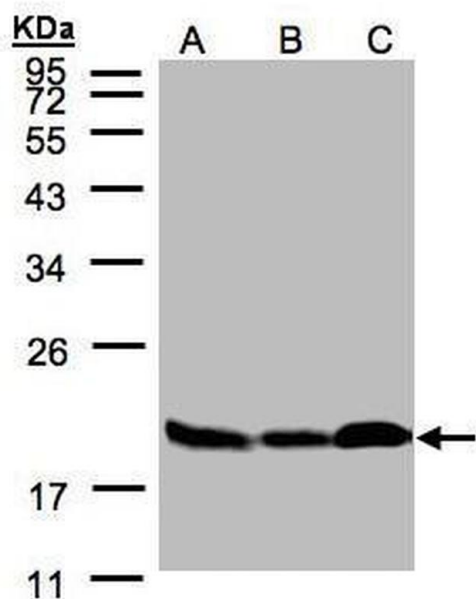


Stathmin 1 Antibody (PA5-28092) in WB

Western blot was performed using Anti-Stathmin 1 Polyclonal Antibody (Product # PA5-28092) and a 17 kDa band corresponding to Stathmin 1 was observed in all the tested cell lines, except A549 and Caco-2. Additional band at ~90 kDa was also found across the cell lines. Whole cell lysate (30 µg lysate) of HeLa (Lane 1), PC-3 (Lane 2), MDA-MB-231 (Lane 3), T-47D (Lane 4), A-431 (Lane 5), Caco-2 (Lane 6), A549 (Lane 7) and U-2 OS (Lane 8) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0341BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blots were probed with the primary antibody (1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

Stathmin 1 Antibody (PA5-28092) in WB

Western Blot using Stathmin 1 Polyclonal Antibody (Product # PA5-28092). Sample (30 µg of whole cell lysate). A: 293T. B: A431. C: H1299. 12% SDS PAGE. Stathmin 1 Polyclonal Antibody (Product # PA5-28092) diluted at 1:3,000.



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