

# WAVE2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human WAVE2
Form	Liquid
Concentration	0.7 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2649526

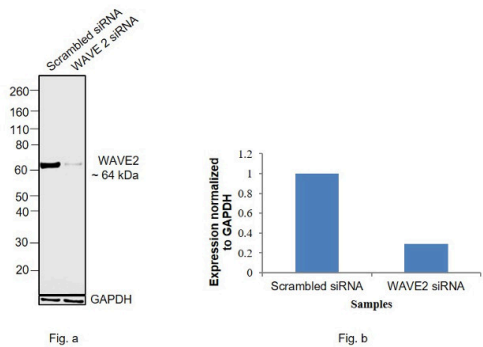
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

## Product Specific Information

Immunogen sequence: DSASSPSPSF SEDNLPPPPA EFSYPVDNQR GSGLAGPKRS SVVSPSHPPP AP

Highest antigen sequence identity to the following orthologs: Mouse - 92%, Rat - 90%.

Product Images For WAVE2 Polyclonal Antibody

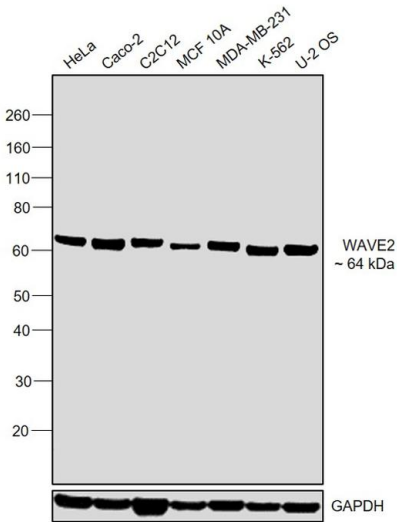


WAVE2 Antibody (PA5-60975)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MCF 10A cells were transfected with WAVE2 siRNA and decrease in signal intensity was observed in western blot application using Anti-WAVE2 Polyclonal Antibody (Product # PA5-60975). {KD}

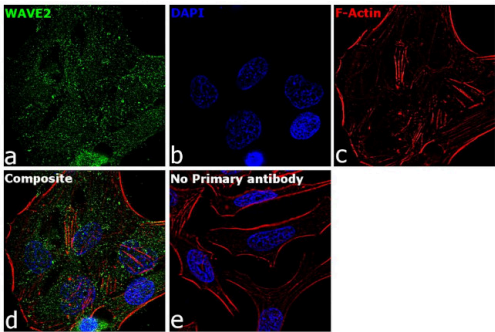
WAVE2 Antibody (PA5-60975) in WB

Western blot was performed using Anti-WAVE2 Polyclonal Antibody (Product # PA5-60975) and a 64 kDa band corresponding to WAVE2 was observed across all the cell lines tested. Membrane enriched extracts (30 µg lysate) of HeLa (Lane 1), Caco-2 (Lane 2), C2C12 (Lane 3), MCF 10A (Lane 4), MDA-MB-231 (Lane 5), K-562 (Lane 6) and U-2 OS (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.7 µg/ml) and detected by chemiluminescence with Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



WAVE2 Antibody (PA5-60975) in ICC/IF

Immunofluorescence analysis of WAVE2 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with WAVE2 Rabbit Polyclonal Antibody (Product # PA5-60975) at 5 µg/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415). Panel d represents the merged image showing membrane localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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