

Anti-Profilin (C-terminal region) Antibody

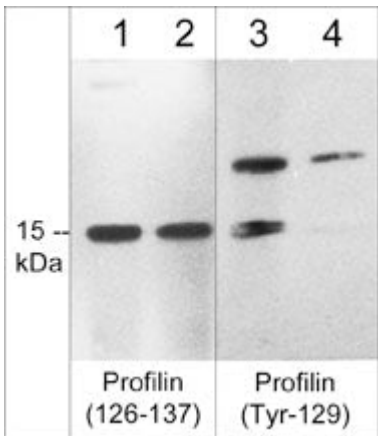


Product Details

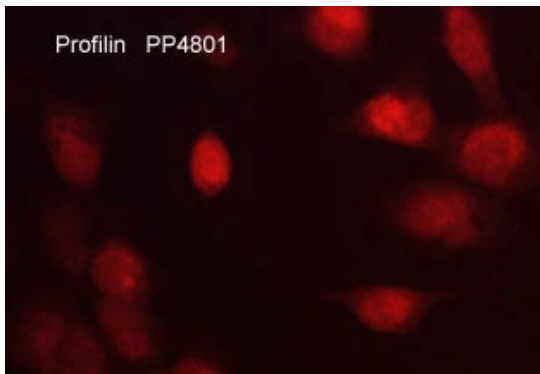
Available Variants	100 µL (SKU:PP4801)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PFN1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Profilin synthetic peptide (coupled to carrier protein) that includes amino acids from the C-terminal region of human Profilin-1. This sequence is well conserved in rat and mouse Profilin-1, has some homology to Profilin-2a and Profilin-2b, and low homology to Profilin-3 and Profilin-4.
Specificity	The antibody detects a 15 kDa band corresponding to the apparent molecular mass of Profilin-1 in human umbilical vein endothelial cells (HUVEC) and Jurkat cells.
Molecular Weight	15
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	<u>P07737</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot of HUVEC stimulated with Pervanadate (1 mM) for 30 min (lanes 1-4). The blots were treated with alkaline phosphatase to remove phosphorylation (lanes 2 & 4), then probed with anti-Profilin (a.a. 126-137) (lanes 1 & 2) or anti-Profilin (Tyr-129) phospho-specific (lanes 3 & 4). The antibodies detect profilin at 15 kDa. In lanes 3 & 4, the antibody also detects an unknown 20 kDa protein.



Immunocytochemical labeling of Profilin in aldehyde-fixed and NP-40 permeabilized human NCI-H1915 lung carcinoma cells. The cells were labeled with rabbit polyclonal anti-Profilin (PP4801) antibody. The antibody was detected using appropriate secondary antibody conjugated to DyLight® 594.