

Anti-Peripherin Antibody



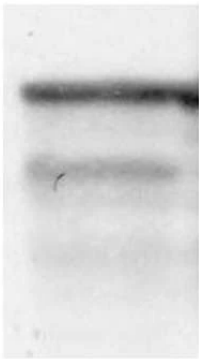
Product Details

Available Variants	50 µL (SKU:R-1401-50)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Buffer	Lyophilized with sodium azide.
Applications	ICC, WB
Dilution Ranges	WB: 1:2000-1:10000 ICC: 1:1000-1:2000
Species Reactivity	Bovine, Human, Mouse, Pig, Rat
Immunogen	Recombinant full length Peripherin protein expressed in and purified from E.coli.
Specificity	The specificity of this antibody has been confirmed by WB. This antibody detects ~57 kDa Peripherin protein and a smaller molecule derived from Peripherin at ~48 kDa. Hu, rat, Ms, Fel, Rb. Predicted to react with other mammalian tissue.
Molecular Weight	48 kDa, 57 kDa
Storage	Spin vial briefly before opening. Reconstitute with 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	P21807
Country of Origin	United States

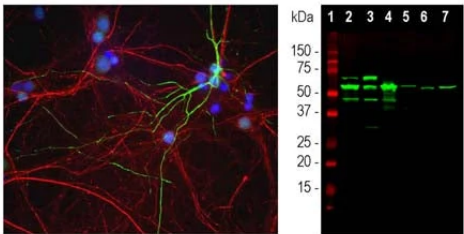
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images

57kDa >



Western blot of whole rat brain stem homogenate stained with Rabbit polyclonal antibody to Peripherin R-1401-50 at dilution of 1:20,000. A prominent band running with an apparent SDS-PAGE molecular weight of ~57 kDa corresponds to Peripherin. A lower band at ~48 kDa is derived from the Peripherin molecule.



Left: Mixed neuron/glia cultures from newborn rat brain stained with rabbit antibody to peripherin (green) by **Immunocytochemistry**. Cells were co-stained with chicken antibody to phosphorylated NF-H (C-1386-50, red). A class of large neurons, like the one at the top right of this image, contain peripherin, while the majority of neurons and their processes contain NF-H and not peripherin. Blue: Nuclear stain. **Right: Western blot** analysis of tissue and cell lysates using rabbit antibody to peripherin (green, 1:10,000). [1] protein standard, [2] rat spinal cord, [3] mouse spinal cord, [4] pig spinal cord, [5] cow spinal cord, [6] SH-SY5Y cells and [7] PC12 cells. The major band at about 57 kDa corresponds to the peripherin protein.

Product Page URL: www.antibodiesinc.com/products/anti-peripherin-antibody-r-1401-50

