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34-1102: Polyclonal Antibody to Peripherin

Clonality: Polyclonal
Application: WB, IF/ICC, IHC

Reactivity: Human, Rat, Mouse, Pig, Cow

 Gene :
 PRPH

 Gene ID :
 5630

 Uniprot ID :
 P41219

 Format :
 Sera

Alternative Name: Neurofilament 4
Isotype: Rabbit, IgG

Immunogen Information: Recombinant human peripherin expressed in and purified from E. coli

Product Info

Amount : 50 μl / 100 μl

Content: Antibody is supplied as an aliquot of serum

Storage condition:

Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

WB: 1:1,000-1:2,000. IF/ICC and IHC: 1:2,000.

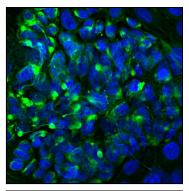


Figure-1: Immunofluorescent analysis of the widely used rat pheochromocytoma PC 12 cell line stained with rabbit polyclonal antibody to peripherin, (34-1102), dilution 1:2,000, in green. The blue is Hoechst staining of nuclear DNA. Peripherin, one of the Class III family of intermediate filament subunit proteins, is a major component of the PC12 cell forming a perinuclear cap, with some filaments visible in the cytoplasm.

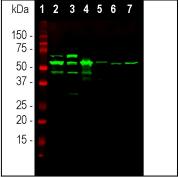


Figure-2: Western blot analysis of tissue and cell lysates using rabbit pAb to peripherin,(34-1102), dilution 1:10,000 in green: [1] protein standard, [2] rat spinal cord, [3] mouse spinal cord, [4] pig spinal cord, [5] cow spinal cord, [6] SH-SY5Y cells and [7] PC12 cells. The major band at ~57kDa corresponds to the major peripherin protein isoform, while other bands presumably represent protein products of alternate transcripts of the peripherin gene.