

Recombinant Peripherin Monoclonal Antibody

catalog number: **AN301899L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

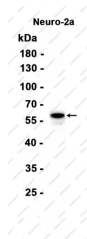
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Peripherin
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111520
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
IHC-P	1:200-1:2000
ICC/IF	1:100
IP	1:20-1:50
FCM	1:20-1:50

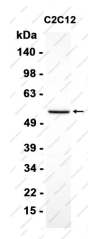
Data



Western blot analysis of Neuro-2a cell lysates using Peripherin Antibody (AN301899L) at a dilution of 1:5000.

Observed-MW:58 kDa

Calculated-MW:54 kDa



Western blot analysis of C2C12 cell lysates using Peripherin Antibody (AN301899L) at a dilution of 1:1000.

Observed-MW:58 kDa

Calculated-MW:54 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Peripherin is a neuron-specific intermediate filament protein that is particularly expressed in peripheral nervous system. It is used to study peripheral nerve development and regeneration, as it is highly expressed during elongation of axon. Peripherin is a routine marker for unmyelinated neurons in trigeminal ganglion (TG) and the dorsal root ganglion (DRG). Peripherin is also expressed in peri-insular areas of islets and it has been identified as a key autoantigen for type 1A diabetes.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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