abcam

Product datasheet

Anti-Peripherin antibody ab4666

★★★★★ **19 Abreviews**   **37 References**   **3 Images**

Overview

Product name	Anti-Peripherin antibody
Description	Rabbit polyclonal to Peripherin
Host species	Rabbit
Tested applications	**Suitable for:** ICC/IF, WB
Species reactivity	**Reacts with:** Rat, Human
Immunogen	Recombinant full length rat peripherin purified from E. coli.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.01% Sodium azide
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab4666 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
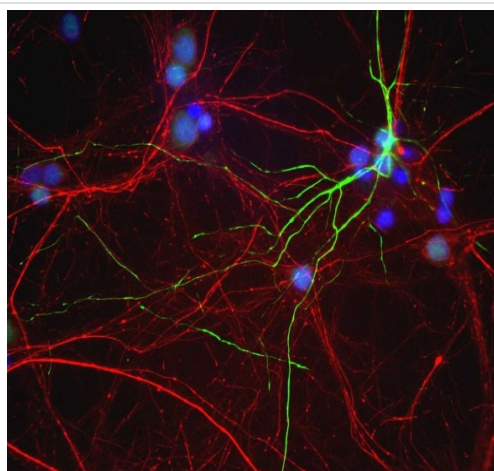
Application	Abreviews	Notes
ICC/IF	★★★★☆ (3)	Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Detects a band of approximately 57 kDa.

Target

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Function	Class-III neuronal intermediate filament protein.
Sequence similarities	Belongs to the intermediate filament family.

Images

Immunocytochemistry/Immunofluorescence analysis of mixed neuron/glia cultures from newborn rat brain labelling Peripherin (green) with ab4666 and Neurofilament heavy polypeptide (red) with **ab4680**. 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 Neurofilament heavy polypeptide and not peripherin. The blue channel reveals the localization of DNA.

Immunocytochemistry/ Immunofluorescence - Anti-Peripherin antibody (ab4666)
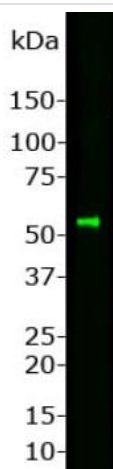
Anti-Peripherin antibody (ab4666) at 1/1000 dilution + Rat spinal cord homogenate

Observed band size: 57 kDa

Western blot - Anti-Peripherin antibody (ab4666)

Western blot - Anti-Peripherin antibody (ab4666)
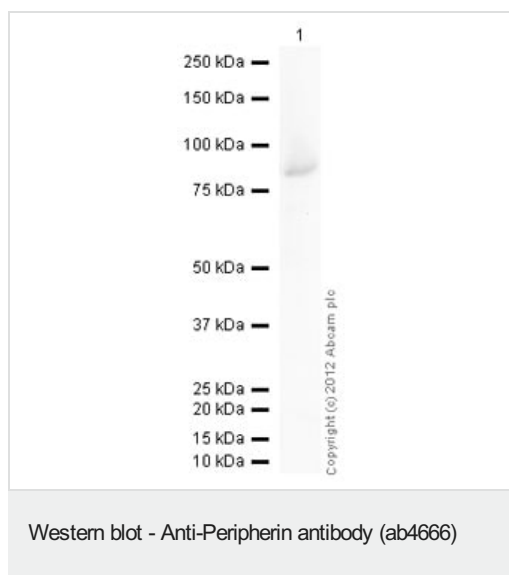
Anti-Peripherin antibody (ab4666) at 1 µg/ml + Recombinant Human Peripherin protein (**ab114335**) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 20 seconds

Secondary antibody - goat a**nti-rabbit HRP** preasorbed (**ab97080**)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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