

Datasheet for ABIN5708499
anti-Periaxin antibody



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2 Images

Overview

Quantity:	100 µg
Target:	Periaxin (PRX)
Reactivity:	Rat, Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A recombinant human protein corresponding to amino acids M1-K91 was used as the immunogen for the Periaxin antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	Periaxin (PRX)
Alternative Name:	Periaxin / PRX (PRX Products)
Background:	Periaxin is a protein that in humans is encoded by the PRX gene. This gene encodes a protein involved in peripheral nerve myelin upkeep. The encoded protein contains 2 PDZ domains which were named after PSD95 (post synaptic density protein), DlgA (Drosophila disc large tumor suppressor), and ZO1 (a mammalian tight junction protein). Two alternatively spliced transcript variants have been described for this gene which encode different protein isoforms

Target Details

and which are targeted differently in the Schwann cell. Mutations in this gene cause Charcot-Marie-Tooth neuropathy, type 4F and Dejerine-Sottas neuropathy.

UniProt: [Q9BXM0](#)

Application Details

Application Notes: Optimal dilution of the Periaxin antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, FACS: 1-3 µg/10⁶ cells, Direct ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

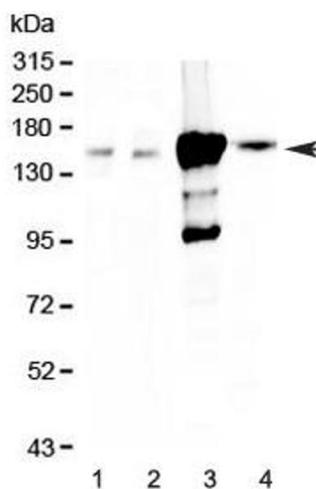
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

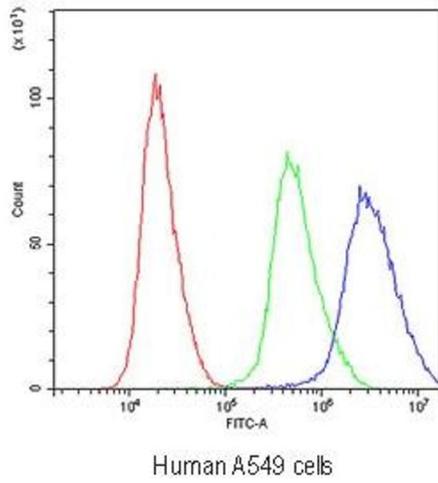
Storage Comment: After reconstitution, the Periaxin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of 1) rat kidney, 2) mouse kidney, 3) human 293T and 4) human HK-2 lysate with Periaxin antibody at 0.5 µg/ml. Predicted molecular weight ~155 kDa.



Flow Cytometry

Image 2. Flow cytometry testing of human A549 cells with Periaxin antibody at 1ug/10⁶ cells (blocked with goat sera)