

## Datasheet for ABIN2178419 **anti-Periaxin antibody (HRP)**



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### Overview

Quantity:	100 µL
Target:	Periaxin (PRX)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Periaxin antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mousePRX/Periaxin
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Dog,Pig
Purification:	Purified by Protein A.

### Target Details

Target:	Periaxin (PRX)
Alternative Name:	Periaxin ( <a href="#">PRX Products</a> )
Background:	Synonyms: Periaxin, PRX, KIAA1620 Background: 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

## Target Details

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 and which are targeted differently in the Schwann cell. Mutations in this gene cause Charcot-Marie-Tooth neuropathy, type 4F and Dejerine-Sottas neuropathy. [provided by RefSeq, Jul 2008] Seems to be required for maintenance of peripheral nerve myelin sheath. May have a role in axon-glia interactions, possibly by interacting with the cytoplasmic domains of integral membrane proteins such as myelin-associated glycoprotein in the periaxonal regions of the Schwann cell plasma membrane. May have a role in the early phases of myelin deposition.

Gene ID: 19153

UniProt: [O55103](#)

## Application Details

Application Notes: WB 1:100-1000  
IHC-P 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Gentamicin sulfate

Precaution of Use: This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months