Datasheet for ABIN2613465

anti-Peripherin antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	Peripherin (PRPH)
Binding Specificity:	C-Term
Reactivity:	Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Peripherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Peripherin 1 (mouse)
Sequence:	QKEQHSDLDK SSIH
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_038667.2, NP_001157060.1, NP_001157061.1).
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Peripherin (PRPH)
Alternative Name:	Prph (PRPH Products)
Background:	Prph, peripherin, Prph1, peripherin 1
Gene ID:	19132, 24688
NCBI Accession:	NP_038667, NP_001157060, NP_001157061

Application Details

Application Notes:	Immunohistochemistry: This antibody has been successfully used in IHC on Mouse, PMID: 36226085. Western Blot: Approx 55 kDa band observed in Rat Colon lysates (calculated MW of 54.0 kDa according to NP_036765.2). Recommended concentration: 0.1-0.3 µg/mL. An additional faint band of unknown identity was also consistently observed at 75 kDa. This band wa Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

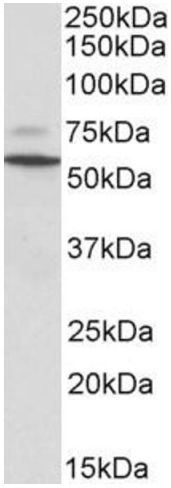
Publications

Product cited in:	Froud, Wong, Cederholm, Klugmann, Sandow, Julien, Ryan, Housley: "Type II spiral ganglion

Publications

afferent neurons drive medial olivocochlear reflex suppression of the cochlear amplifier." in: **Nature communications**, Vol. 6, pp. 7115, (2016) (PubMed).

Images



Western Blotting

Image 1. (ABIN2613465) (0.1 µg/mL) staining of Rat Colon lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.