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anti-Peripherin antibody (AA 421-470)

2 Images 1 Publication



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Overview

Quantity:	100 μL
Target:	Peripherin (PRPH)
Binding Specificity:	AA 421-470
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peripherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Peripherin.
Isotype:	IgG
Specificity:	Peripherin Antibody detects endogenous levels of total Peripherin protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Peripherin (PRPH)
Alternative Name:	Peripherin (PRPH Products)
Background:	Synonyms: PERI, PRPH

Target Details

	NCBI Gene Symbol: PRPH
Molecular Weight:	53 kDa
Gene ID:	5630
OMIM:	170710
UniProt:	P41219

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.37044 (NCBI Gene Symbol: PRPH)
Restrictions:	For Research Use only

Handling

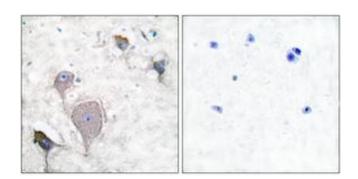
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Publications

Product cited in: Sekino, Nakano, Hamaue, Chuganji, Sakamoto, Yoshimura, Origuchi, Okita: "Sensory hyperinnervation and increase in NGF, TRPV1 and P2X3 expression in the epidermis following

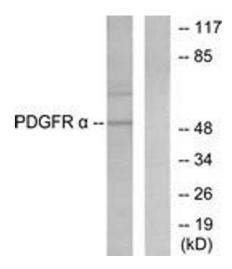
cast immobilization in rats." in: **European journal of pain (London, England)**, Vol. 18, Issue 5,

pp. 639-48, (2014) (PubMed).



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffinembedded human brain tissue, using Peripherin Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2 cells, using Peripherin Antibody. The lane on the right is treated with the synthesized peptide.