

Datasheet for ABIN953658

anti-PPP1R9B antibody (N-Term)**1** Image[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	PPP1R9B
Binding Specificity:	AA 23-53, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 23-53 amino acids from the N-terminal region of Human Neurabin-2. Genename: PPP1R9B
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Neurabin-2 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	PPP1R9B
Alternative Name:	Neurabin-2 (PPP1R9B Products)
Background:	Spinophilin is a regulatory subunit of protein phosphatase-1 catalytic subunit (PP1, see MIM 176875) and is highly enriched in dendritic spines, specialized protrusions from dendritic shafts that receive most of the excitatory input in the central nervous system (Allen et al., 1997)

Target Details

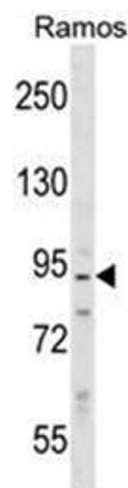
	[PubMed 9275233]).Synonyms: Neurabin-II, PPP1R6, PPP1R9B, Protein phosphatase 1 regulatory subunit 9B, Spinophilin
Molecular Weight:	89192 Da
Gene ID:	84687
NCBI Accession:	NP_115984
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Neurabin-2 Antibody (N-term) in Ramos cell line lysates (35ug/lane). This demonstrates the PPP1R9B antibody detected the PPP1R9B protein (arrow).