

Datasheet for ABIN6259159
anti-PPP2R5A antibody (Internal Region)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	PPP2R5A
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R5A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human PPP2R5A, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	PPP2R5A Antibody detects endogenous levels of total PPP2R5A.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PPP2R5A
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Target Details

Alternative Name:	PPP2R5A (PPP2R5A Products)
Background:	Description: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Gene: PPP2R5A
Molecular Weight:	57 kDa
Gene ID:	5525
UniProt:	Q15172
Pathways:	PI3K-Akt Signaling

Application Details

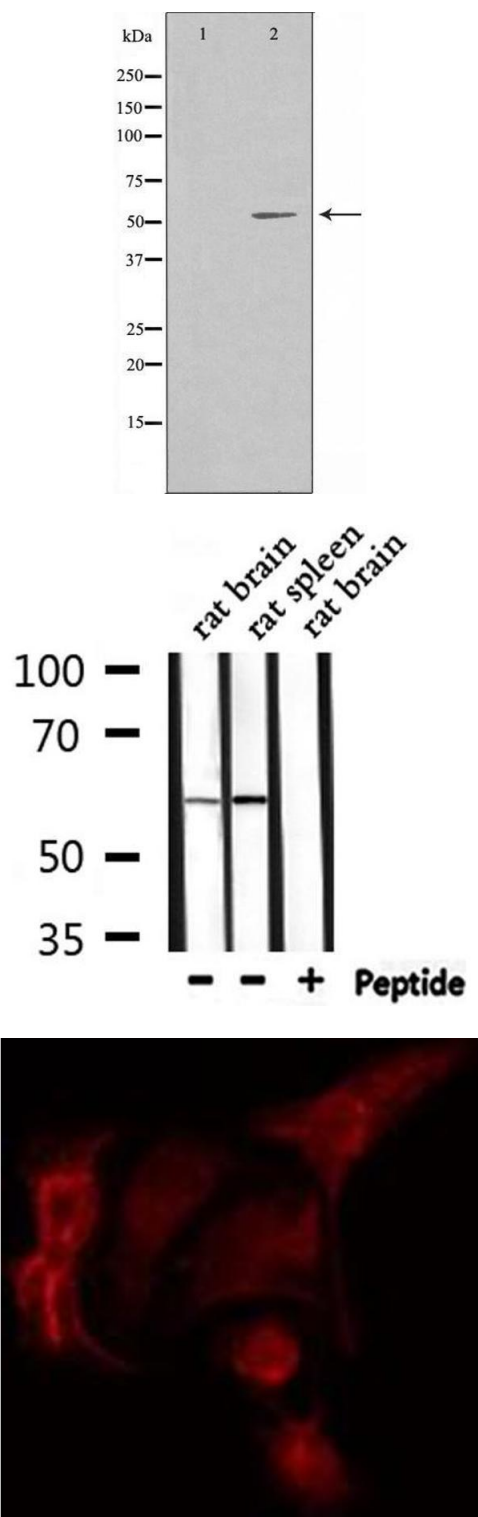
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

Publications

Product cited in:	Wen, You, Wang, Meng, Feng, Yang: "Polarization of Microglia to the M2 Phenotype in a Peroxisome Proliferator-Activated Receptor Gamma-Dependent Manner Attenuates Axonal Injury Induced by Traumatic Brain Injury in Mice." in: Journal of neurotrauma , (2018) (PubMed).
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Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells using PPP2R5A antibody. The lane on the left is treated with the antigen-specific peptide.

Western Blotting

Image 2. Western blot analysis of extracts from rat brain, rat spleen, using PPP2R5A Antibody.

Immunofluorescence (fixed cells)

Image 3. ABIN6275546 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.