

Datasheet for ABIN4913189

anti-PPP2R1B antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PPP2R1B
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPP2R1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PPP2R1B antibody is generated from a mouse immunized with a recombinant protein of human PPP2R1B.
Clone:	6C6
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein G.

Target Details

Target:	PPP2R1B
Alternative Name:	PPP2R1B (PPP2R1B Products)
Background:	Synonyms: PR65B, PP2A-Abeta, Serine/threonine-protein phosphatase 2A 65 kDa regulatory

Target Details

subunit A beta isoform, PP2A subunit A isoform PR65-beta, PP2A subunit A isoform R1-beta, PPP2R1B

Background: The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit.

Gene ID: 5519

UniProt: [P30154](#)

Pathways: [PI3K-Akt Signaling](#), [Mitotic G1-G1/S Phases](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

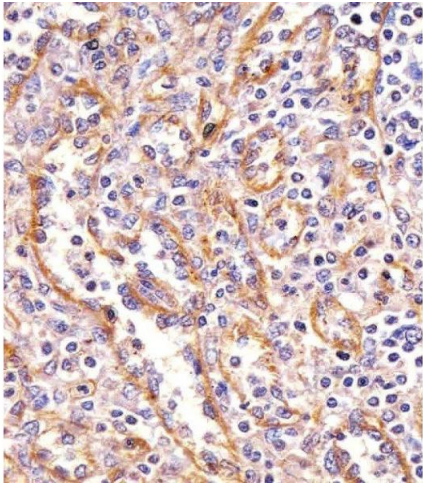
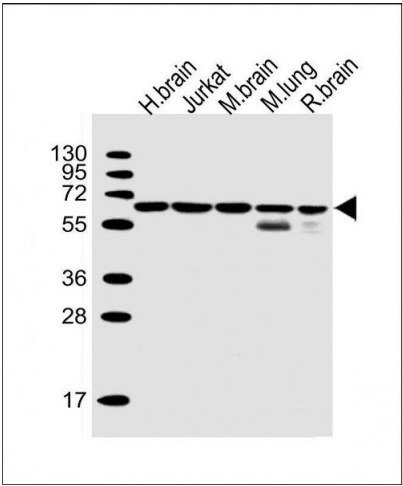
Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: human brain, Lane 2: Jurkat, Lane 3: mouse brain, Lane 4: mouse lung, Lane 5: rat brain cell lysate at 20 µg per lane, probed with bsm-51443M PPP2R1B (1496CT356.164.25.226) Monoclonal Antibody at 1:1000 dilution and 4°C overnight incubation, followed by secondary antibody incubation for 60min at room temperature.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human spleen tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with PPP2R1B (1496CT356.164.25.226) Monoclonal Antibody (bsm-51443M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.