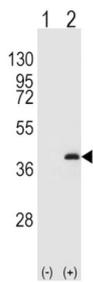
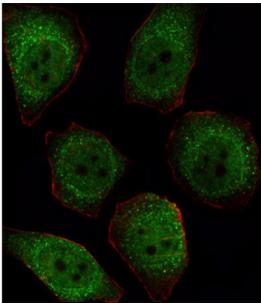


Protein Phosphatase 1 beta Antibody

Catalogue No.: abx033950



Protein phosphatase-1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases involved in the dephosphorylation of a variety of proteins. These enzymes work in opposition to the protein kinases to control the level of phosphorylation. Protein phosphatase (PP1) is essential for cell division, and it participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis, as well as in regulation of ionic conductances and long-term synaptic plasticity. PP1 has 3 catalytic subunits, designated alpha (PPP1CA), beta (PPP1CB), and gamma (PPP1CC).

Target: Protein Phosphatase 1 beta

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IF/ICC: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 286-315 amino acids from the C-terminal region of human Protein Phosphatase 1 beta (PPP1CB).

Isotype: IgG

Datasheet

Version: 3.0.0
Revision date: 03 Oct 2025



Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P62140 (UniProt , ExPASy)
KEGG:	hsa:5500
String:	9606.ENSP00000378769
Molecular Weight:	Calculated MW: 37.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat, Cow, Pig, Chicken, Rabbit and Xenopus PPP1CB.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only