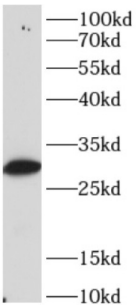
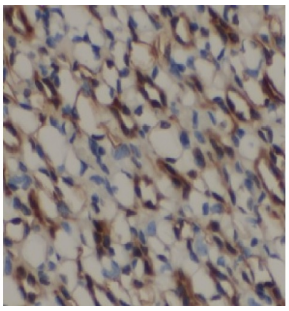
Serine/threonine-Protein Phosphatase PP1-Beta Catalytic Subunit (PPP1CB) Antibody

Catalogue No.:abx217902



WB analysis of mouse heart, using PPP1CB antibody (1/1000 dilution).



IHC-P analysis of rat kidney tissue, using PPP1CB antibody (1/100 dilution).

Serine/threonine-Protein Phosphatase PP1-Beta Catalytic Subunit (PPP1CB) Antibody is a Rabbit Polyclonal antibody for the detection of PPP1CB.

The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.

Target:	Serine/threonine-Protein Phosphatase PP1-Beta Catalytic Subunit (PPP1CB)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/200 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

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Immunogen:	protein phosphatase 1, catalytic subunit, beta isoform
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P62140 (UniProt, ExPASy)
Gene Symbol:	PPP1CB
GeneID:	5500
OMIM:	600590
HGNC:	9282
KEGG:	hsa:5500
Ensembl:	ENSG00000213639
String:	9606.ENSP00000378769
Molecular Weight:	Observed MW: 30-37 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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