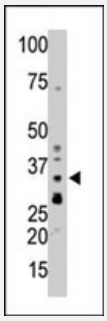
PPP1CB polyclonal antibody

Catalog # PAB4113 Size 400 uL

Applications



Western Blot (Tissue lysate)

The PPP1CB polyclonal antibody (Cat # PAB4113) is used in Western blot to detect PPP1CB in mouse brain tissue lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PPP1CB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PPP1CB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  The PPP1CB polyclonal antibody (Cat # PAB4113) is used in Western blot to detect PPP1CB in mouse brain tissue lysate.

Gene Info — PPP1CB

Entrez GeneID	5500
Protein Accession#	P62140
Gene Name	PPP1CB
Gene Alias	MGC3672, PP-1B, PPP1CD
Gene Description	protein phosphatase 1, catalytic subunit, beta isoform
Omim ID	600590
Gene Ontology	Hyperlink
Gene Summary	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 regulati on of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractili ty, 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. [provided by RefSeq
Other Designations	protein phosphatase 1, catalytic subunit, beta|protein phosphatase 1, catalytic subunit, delta isofo rm|protein phosphatase 1-beta|protein phosphatase 1-delta|serine/threonine protein phosphatase PP1-beta catalytic subunit

Pathway

- Focal adhesion
- Insulin signaling pathway
- Long-term potentiation
- Regulation of actin cytoskeleton

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- Vascular smooth muscle contraction

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease

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