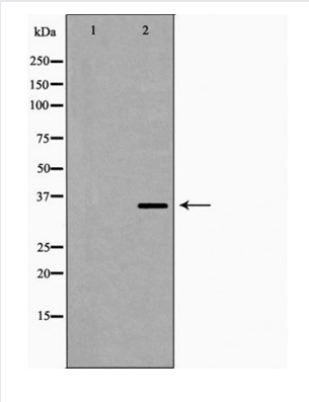
PPP2CB Antibody

PRODUCT OVERVIEW

Product Name	PPP2CB, Antibody
Full Product Name	PPP2CB Antibody
Product Gene Name	anti-PPP2CB antibody
Product Synonym Names	PP2CB; PP2Abeta
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	PPP2CB Antibody detects endogenous levels of total PPP2CB
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	36kDa
OMIM	176916
3D Structure	ModBase 3D Structure for P62714
Immunogen	A synthetic peptide of human PPP2CB
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP2CB antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-PPP2CB antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-PPP2CB antibody	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes a beta isoform of the catalytic subunit.
Other Notes	Small volumes of anti-PPP2CB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPP2CB purchase	MBS8516641 is an antibody targeting PPP2CB. Also known as PPP2CB Antibody. Reactive in Human, Mouse, Rat.



Western Blot (WB) of anti-PPP2CB antibody
Western blot analysis of extracts of Jurkat celllines, using PPP2CBantibody|Immunohistochemistryof paraffin-embeddedhuman breast cancer tissue usingPPP2CBantibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP2CB. It may not necessarily be applicable to this product.

NCBI GI #	57222565
NCBI GeneID	5516
NCBI Accession #	NP_001009552.1
UniProt Primary Accession #	P62714
UniProt Secondary Accession #	P11082; Q6FHK5; D3DSV4
UniProt Related Accession #	P62714
GenBank Nucleotide #	NM_001009552.1
NCBI Official Full Name	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
NCBI Official Synonym Full Names	protein phosphatase 2 catalytic subunit beta
NCBI Official Symbol	PPP2CB
NCBI Official Synonym Symbols	PP2CB; PP2Abeta
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	PPP2CB
UniProt Synonym Gene Names	PP2A-beta
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Comments for PPP2CB	PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase.
Research Articles on PPP2CB	**1.** The GAS41-PP2Cbeta complex dephosphorylates p53 at serine 366 and regulates its stability
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