

PPP1CB Antibody

Catalog No: #31114

Package Size: #31114-1 50ul #31114-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PPP1CB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PPP1CB protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 327 amino acids of human protein phosphatase 1, catalytic subunit, beta isozyme
Target Name	PPP1CB
Other Names	protein phosphatase 1, catalytic subunit, beta isozyme, PP-1B, PPP1CD, PP1beta
Accession No.	Swiss-Prot:P62140Gene ID:5500;
Uniprot	P62140
GeneID	5500;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

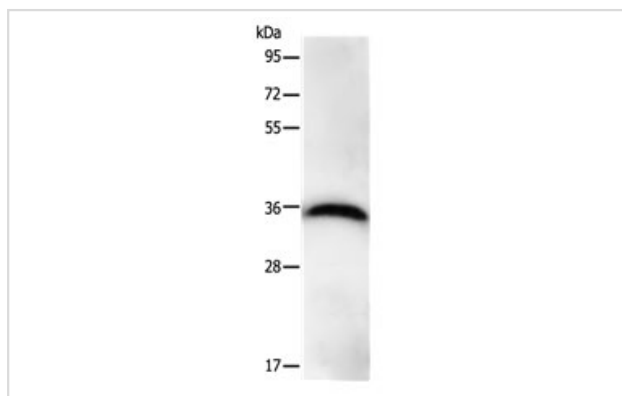
Predicted MW: 37kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



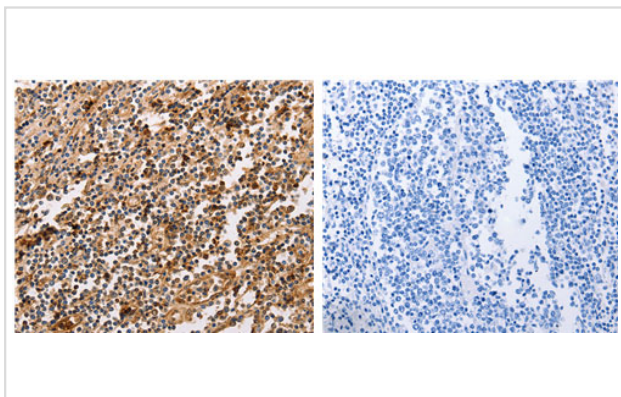
Gel: 10%SDS-PAGE

Lysate: 40 µg Hela cell lysate

Primary antibody: 1/450dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded human tonsil tissue using 31114(PPP1CB Antibody) at dilution 1/30, on the right is treated with the fusion protein.

Background

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.

Note: This product is for in vitro research use only