Datasheet for ABIN7305918

anti-Serine/threonine-Protein Phosphatase PP1-beta Catalytic Subunit (PP1-BETA) antibody

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Serine/threonine-Protein Phosphatase PP1-beta Catalytic Subunit (PP1-BETA)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunochromatography (IC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant full length protein of human PP1 beta
Specificity:	Recognizes endogenous levels of PP1 beta protein.
Characteristics:	Rabbit polyclonal antibody to PP1 beta
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Serine/threonine-Protein Phosphatase PP1-beta Catalytic Subunit (PP1-BETA)
Alternative Name:	PP1 beta (PP1-BETA Products)
Background:	Serine/threonine-protein phosphatase PP1-beta catalytic subunit, PP-1B, PPP1CD
Gene ID:	5500, 19046, 25594

Target Details

UniProt:	P62140, P62141, P62142
Pathways:	M Phase, Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Lipid Metabolism

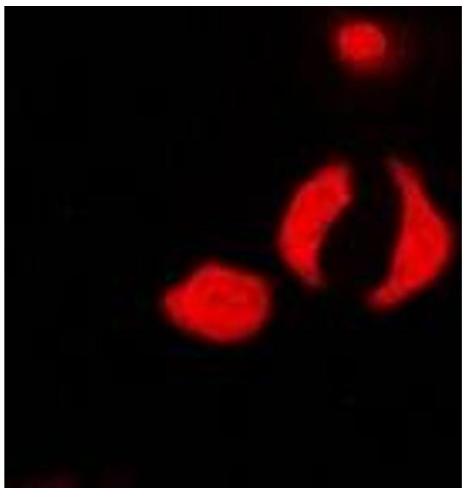
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

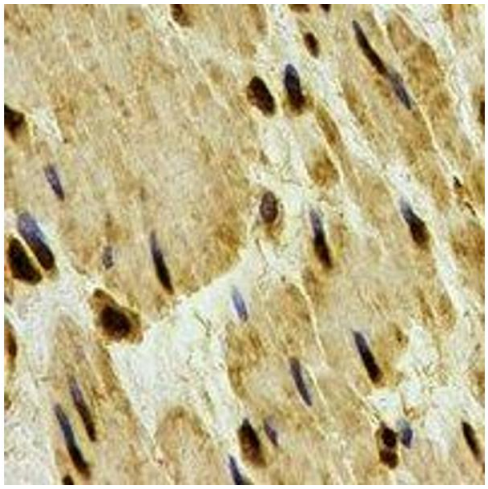
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



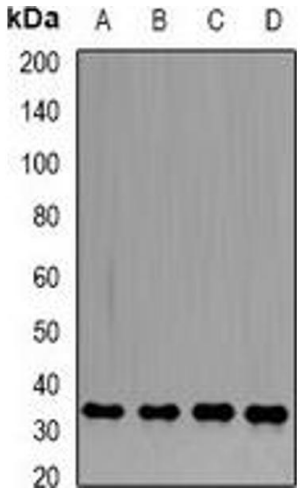
Immunofluorescence

Image 1. Immunofluorescent analysis of PP1 beta staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibo



Immunohistochemistry

Image 2. Immunohistochemical analysis of PP1 beta staining in human esophageal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incub



Western Blotting

Image 3. Western blot analysis of PP1 beta expression in HL60 (A), PC3 (B), Hela (C), mouse heart (D) whole cell lysates.