

Datasheet for ABIN7308146

anti-PDE1B antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDE1B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to PDE1B
Immunogen:	Recombinant full length protein of human PDE1B
Specificity:	Recognizes endogenous levels of PDE1B protein.
Characteristics:	Rabbit polyclonal antibody to PDE1B
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PDE1B
Alternative Name:	PDE1B (PDE1B Products)
Background:	PDE1B1, PDES1B, Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B, Cam-PDE 1B, 63 kDa Cam-PDE
Gene ID:	5153, 18574, 29691

Target Details

UniProt:	Q01064 , Q01065 , Q01066
Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

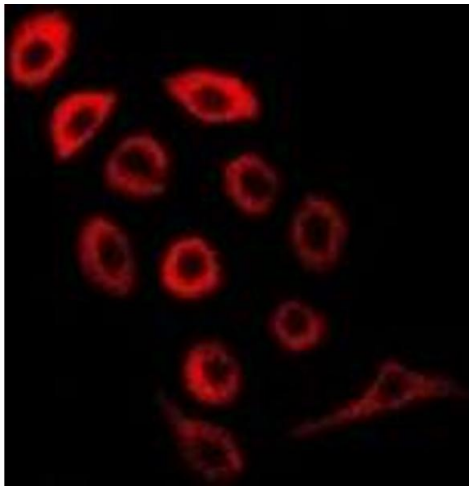
Application Details

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

Handling

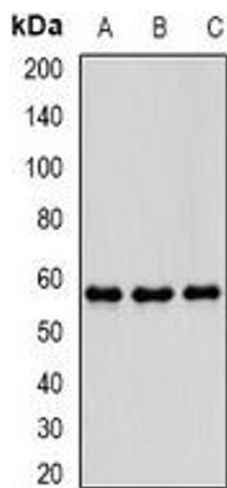
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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 PDE1B staining in MCF7 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 antibody



Western Blotting

Image 2. Western blot analysis of PDE1B expression in THP1 (A), mouse brain (B), mouse spleen (C) whole cell lysates.