

Datasheet for ABIN6242457  
**anti-PPP1R12A antibody (Ser507)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	PPP1R12A
Binding Specificity:	AA 481-514, Ser507
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R12A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MYPT1 (Ser507) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 481-514 amino acids from the human MYPT1.
Clone:	RB56872
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PPP1R12A
Alternative Name:	MYPT1 ( <a href="#">PPP1R12A Products</a> )

## Target Details

Background:	Key regulator of protein phosphatase 1C (PPP1C). Mediates binding to myosin. As part of the PPP1C complex, involved in dephosphorylation of PLK1. Capable of inhibiting HIF1AN-dependent suppression of HIF1A activity.
Molecular Weight:	115281
UniProt:	<a href="#">O14974</a>
Pathways:	<a href="#">M Phase</a>

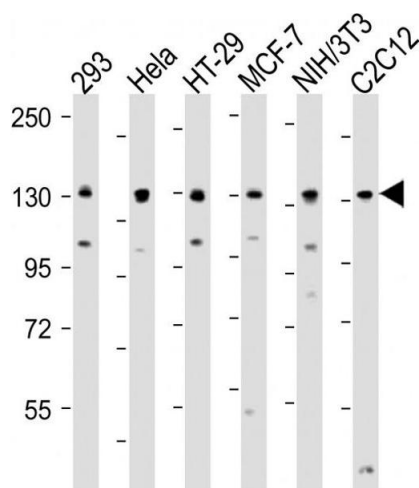
## Application Details

Application Notes:	WB: 1:4000. WB: 1:4000
Restrictions:	For Research Use only

## Handling

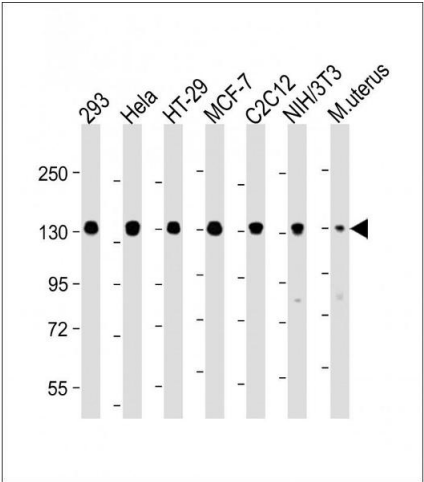
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-MYPT1 (Ser507) Antibody at 1:4000 dilution Lane 1: 293 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HT-29 whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: NIH/3T3 whole cell lysate Lane 6: C2C12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 115 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

**Image 2.** All lanes : Anti-Phospho-MYPT1 (Ser507) Antibody: Ctrl at 1:4000 dilution Lane 1: 293 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: HT-29 whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: C2C12 whole cell lysate Lane 6: NIH/3T3 whole cell lysate Lane 7: Mouse uterus lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 115 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.