

# Ser/thr-PP2A activator (PTPA) Rabbit pAb

Catalog No.: A1912 **3 Publications**

## Basic Information

### Observed MW

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B' family. This gene encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

5524

### Swiss Prot

Q15257

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human Ser/thr-PP2A activator (PTPA) (NP\_821067.1).

### Synonyms

PP2A; PR53; PPP2R4; Ser/thr-PP2A activator (PTPA)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

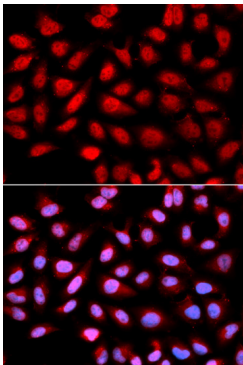
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of U2OS cells using Ser/thr-PP2A activator (PTPA) antibody (A1912). Blue: DAPI for nuclear staining.