



# Rabbit Anti-Human PPP2R2A monoclonal antibody, clone G.833.2 (CABT-L1540)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is not cross-reactive with the B-prime (PR61), B-prime-prime or B-prime-prime-prime families of PP2A B subunits.
<b>Target</b>	PPP2R2A
<b>Immunogen</b>	Synthetic peptide corresponding to the sequence of human PP2A B subunit
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat, Bovine, Chicken, Fruit fly, Human, Mouse, Non-human primate, Pig
<b>Clone</b>	G.833.2
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, IP, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

**Introduction**

The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants have been described.

**Keywords**

PPP2R1A;protein phosphatase 2, regulatory subunit A, alpha;protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform , protein phosphatase 2 (formerly 2A), regulatory subunit A, alpha isoform;serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform;PP2A Aalpha;PR65A;protein phosphatase 2;65kDa regulatory subunit A;protein phosphatase 2A;regulatory subunit A

## GENE INFORMATION

**Entrez Gene ID**

[5518](#)

**UniProt ID**

[P30153](#)