

## PPP2R3A polyclonal antibody

Catalog # PAB7592

Size 100 ug

### Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of PPP2R3A.
<b>Immunogen</b>	A synthetic peptide corresponding to human PPP2R3A.
<b>Sequence</b>	C-QKDVEN DGPEPSD
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	130, 61.1
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_002709.2; NP_871626.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	ELISA (1:16000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — PPP2R3A

**Entrez GeneID** [5523](#)

**Protein Accession#** [NP\\_002709.2;NP\\_871626.1](#)

**Gene Name** PPP2R3A

**Gene Alias** PPP2R3, PR130, PR72

**Gene Description** protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha

**Omim ID** [604944](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 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. The B" family has been further divided into subfamilies. The product of this gene belongs to the alpha subfamily of regulatory subunit B". Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations** PP2A, subunit B, B"-PR72/PR130|PP2A, subunit B, B72/B130 isoforms|PP2A, subunit B, R3 isoform|Serine/threonine protein phosphatase 2A, 72/130 kDa regulatory subunit B|protein phosphatase 2 (formerly 2A), regulatory subunit B" (PR 72), alpha isoform and

## Publication Reference

- [Viable mice with compound mutations in the Wnt/Dvl pathway antagonists nkd1 and nkd2.](#)

Zhang S, Cagatay T, Amanai M, Zhang M, Kline J, Castrillon DH, Ashfaq R, Oz OK, Wharton KA Jr.

Molecular and Cellular Biology 2007 Jun; 27(12):4454.

## Disease

- [Kidney Failure](#)