

# PPP2R5D Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19327a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q14738</a>
<b>Other Accession</b>	<a href="#">Q28653</a> , <a href="#">NP_851308.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB40232
<b>Calculated MW</b>	69992
<b>Antigen Region</b>	63-91

## Additional Information

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<b>Gene ID</b>	5528
<b>Other Names</b>	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform, PP2A B subunit isoform B'-delta, PP2A B subunit isoform B56-delta, PP2A B subunit isoform PR61-delta, PP2A B subunit isoform R5-delta, PPP2R5D
<b>Target/Specificity</b>	This PPP2R5D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-91 amino acids from the N-terminal region of human PPP2R5D.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	PPP2R5D Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PPP2R5D
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<b>Function</b>	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and might also direct the localization of the catalytic enzyme to a particular subcellular compartment.
<b>Cellular Location</b>	Cytoplasm. Nucleus. Note=Nuclear in interphase, nuclear during mitosis
<b>Tissue Location</b>	Isoform Delta-2 is widely expressed. Isoform Delta- 1 is highly expressed in brain

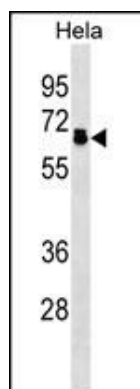
## Background

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A 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 a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.

## References

Yu, U.Y., et al. BMB Rep 43(4):263-267(2010)  
 Reece, K.M., et al. Biochem. Biophys. Res. Commun. 386(4):582-587(2009)  
 Forester, C.M., et al. Proc. Natl. Acad. Sci. U.S.A. 104(50):19867-19872(2007)  
 Sablina, A.A., et al. Cell 129(5):969-982(2007)  
 Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

## Images



PPP2R5D Antibody (N-term)(Cat. #AP19327a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the PPP2R5D antibody detected the PPP2R5D protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.