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### Overview

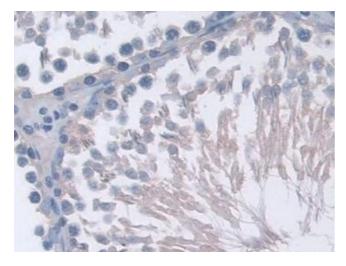
Quantity:	100 μL
Target:	PPP2R4
Binding Specificity:	AA 1-323
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Polyclonal Antibody to Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4)
Immunogen:	Recombinant Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4) corresdonding to Met1~Gly323
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PPP2R4. It has been selected for its ability to recognize PPP2R4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

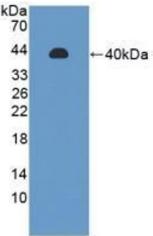
# **Target Details**

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Target:	PPP2R4
Alternative Name:	Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4 Products)
Background:	PP2A, PR53, PTPA, Phosphotyrosyl Phosphatase Activator, PP2A Phosphatase Activator, PP2A, subunit B', PR53 isoform, Serine/threonine-protein phosphatase 2A activator
Pathways:	PI3K-Akt Signaling, M Phase, Hepatitis C, Toll-Like Receptors Cascades
Application Details	
Application Notes:	Western blotting: 0.5-2 $\mu$ g/mL Immunohistochemistry: 5-20 $\mu$ g/mL Immunocytochemistry: 5-20 $\mu$ g/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



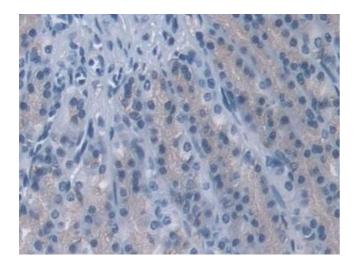
## **Immunohistochemistry**

**Image 1.** Detection of PPP2R4 in Rat Testis Tissue using Polyclonal Antibody to Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4)



#### **Western Blotting**

**Image 2.** Detection of Recombinant PPP2R4, Rat using Polyclonal Antibody to Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4)



## **Immunohistochemistry**

**Image 3.** Detection of PPP2R4 in Rat Stomach Tissue using Polyclonal Antibody to Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4)