

## Datasheet for ABIN2789006

# anti-PPP2R4 antibody (C-Term)





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Background:

Quantity:	100 μL
Target:	PPP2R4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Sequence:	RHFVDEKAVN ENHKDYMFLE CILFITEMKT GPFAEHSNQL WNISAVPSWS
•	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%
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Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%
Predicted Reactivity:  Characteristics:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against PPP2R4. It was validated on Western Blot.
Predicted Reactivity:  Characteristics:  Purification:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against PPP2R4. It was validated on Western Blot.

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 holozenzyme. The product of this gene belongs to the B' family.

Alias Symbols: MGC2184, PP2A, PR53, PTPA

Protein Interaction Partner: AMOT, MID1, BHLHB9, SP3, STAT1, IER3, UBC, PRKCB, MAPT, EIF4EBP1, RACGAP1, APP, CAV1, AKT1, MAP2K3, MARK2, ATM, STK26, AURKB, CYLD, PPP1CA, HHV8GK18\_gp81, SP1, PPP2CA, MDM2, SET, ARRB2, PIM1, PTEN, PPP2R1A, MYOCD,

MYLPF, CCT5, CCT8, CCT2, CCT4, CCT7, CCT3

Protein Size: 358

Molecular Weight:	39 kDa	
Gene ID:	5524	
NCBI Accession:	NM_178001, NP_821068	
UniProt:	Q15257	
Pathways:	PI3K-Akt Signaling, M Phase, Hepatitis C, Toll-Like Receptors Cascades	

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 358 AA	
Restrictions:	For Research Use only	

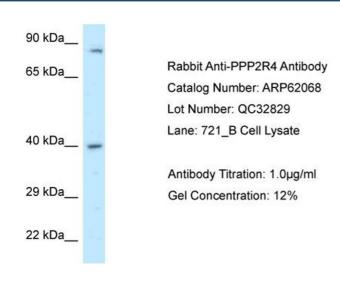
### Handling

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

### Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

#### **Images**



### **Western Blotting**

Image 1.