

Product datasheet for **TA358580**

PPP1R14A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	17kDa
Gene Name:	protein phosphatase 1 regulatory inhibitor subunit 14A
Database Link:	NP_150281 Entrez Gene 94274 Human Q96A00
Background:	The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Synonyms:	CPI-17; CPI17; PPP1INL
Protein Families:	Druggable Genome



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Protein Pathways: Vascular smooth muscle contraction

Product images:



WB Suggested Anti-PPP1R14A Antibody
Titration: 1.0 ug/ml
Positive Control: PANC1 Whole Cell