

Product datasheet for **AP05037PU-N**

PP1C gamma (PPP1CC) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	Immunoblotting: 1:500 to 1:1,000. Immunoprecipitation.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A peptide conjugated to KLH
Specificity:	This antibody reacts to serine/threonine protein phosphatase 1gamma1. No cross reactivity with other recombinant pp1 isoforms.
Formulation:	Phosphate buffered saline with 0.08% sodium azide State: Purified State: Liquid purified Ig (0.2µm sterile filtered)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein phosphatase 1 catalytic subunit gamma
Database Link:	Entrez Gene 19047 Mouse Entrez Gene 24669 Rat Entrez Gene 5501 Human P36873
Background:	The immunogen used to the purified peptide conjugated to KLH corresponding to the sequence NH ₂ -Thr-Pro-Pro-Arg-Gly-Met-Ile-Thr-Lys-Gln-Ala-Lys-Lys-COOH. This peptide antibody corresponds to C-terminal peptide of PP1 gamma 1 catalytic subunit having a MW of 37kD. The sequence used is amino acid 311 - 323.
Synonyms:	PP-1G, PPP1G, PP1gamma
Protein Families:	Druggable Genome, Phosphatase



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Protein Pathways:

Focal adhesion, Insulin signaling pathway, Long-term potentiation, Oocyte meiosis, Regulation of actin cytoskeleton, Vascular smooth muscle contraction