

Product datasheet for **AP05048PU-N**

PP2A-alpha (PPP2CA) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	Immunoblotting: 1:500 to 1:1,000. Immunoprecipitation often used in combination with affinity purified anti-pp2A/A to immunoprecipitate heterotrimeric pp2A. Immunocytochemistry 1:1,000.
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 2A/C.
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 2 catalytic subunit alpha
Database Link:	Entrez Gene 19052 Mouse Entrez Gene 24672 Rat Entrez Gene 5515 Human P67775
Background:	The immunogen used to the purified peptide conjugated to KLH corresponding to the sequence NH ₂ -Pro-His-Val-Thr-Arg-Arg-Thr-Pro-Asp-Tyr-Phe-Leu-COOH. This peptide antibody corresponds to C-terminal peptide of PP2A/C catalytic subunit having a MW of 36kDa. The sequence used is amino acid 298 - 309.
Synonyms:	Protein Phosphatase 2A, PP2A-alpha, Replication protein C



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Protein Families: Druggable Genome, Phosphatase, Transcription Factors

Protein Pathways: Long-term depression, Oocyte meiosis, TGF-beta signaling pathway, Tight junction, Wnt signaling pathway