

**RABBIT ANTI-SERINE/THREONINE PROTEIN
PHOSPHATASE 2A/B β POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB4086	QUANTITY:	100 μ g
LOT NUMBER:		CONCENTRATION:	1 mg/mL
		HOST/ISOTYPE:	Rabbit IgG

BACKGROUND: PP2A is a heterotrimeric phosphatase, composed of A, B and C subunits. The structural A and catalytic C subunits form the constitutive core of the enzyme, which associates with one of a large number of regulatory B subunits. Three families of B subunits have been identified thus far. The prototypical B (or PR55) family of subunits is encoded by three genes, B α , B β and B γ . The B' (or B56) family consists of at least seven splice variants derived from five genes. RNA's for the two members of the B' family, PR72 and PR130, arise by alternative splicing or use of alternate transcription start sites from the same gene. Primary structures as well as functions of B and B' subunits are conserved from yeast to mammals.

SPECIFICITY: Recognizes Protein Phosphatase 2A/B. Minimal cross reactivity against 2A/B γ .

IMMUNOGEN: The immunogen used to the purified peptide conjugated to KLH corresponding to the sequence NH₂-Cys-Gly-Glu-Glu-Asp-Ile-Asp-THR-Arg- Lys-Ile-Asn-Asn-Ser-Phe-COOH.

APPLICATIONS: Immunoblotting 1:500 to 1:1000.
Optimal working dilutions must be determined by end user.

SPECIES REACTIVITY: Human, Mouse, Rat, Bovine.

FORMAT: Affinity purified.

PRESENTATION: Provided as 0.2 μ m sterile filtered solution in phosphate buffered saline with 0.08% sodium azide.

STORAGE/HANDLING: Maintain at -20°C in undiluted aliquots for up to 12 months from date of receipt. Avoid repeated freeze/thaw cycles.

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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