

Mouse PP2A alpha Monoclonal Antibody | anti-PP2A alpha antibody

Mouse Anti-PP2A alpha (methyl L309) [2A10]

CATALOG # AAA59513	HOST Mouse	REACTIVITY Mouse, Human, Saccharomyces cerevisiae	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PP2A alpha; Monoclonal Antibody; Mouse Anti-PP2A alpha (methyl L309) [2A10]; PP2A alpha antibody; PP2A C antibody; PP2A-alpha antibody; PP2AA_HUMAN antibody; PP2Ac antibody; PP2CA antibody; PPP2CA antibody; Protein phosphatase 2; catalytic subunit; alpha isoform antibody; Replication protein C antibody; anti-PP2A alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human, Saccharomyces cerevisiae
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A10
Specificity	Alpha + beta isoforms of PP2A C
Purity/Purification	Protein G
Form/Format	Purified antibody (from supernatant) containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PP2A alpha antibody	IP (Immunoprecipitation), WB (Western Blot)
Target Antigen	PP2A alpha (methyl L309)
Immunogen	C-terminal peptide (Methyl-Leu309) of human PP2A catalic subunit.
Myeloma/fusion Partners	X63-Ag8.653
Health & Safty	Products that contain sodium azide (a poisonous and hazardous substance) should be handled by trained staffs only.
Preparation and Storage	Store at 4 degree C for one month, or in small aliquots at -20 degree C for longer periods. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

ADDITIONAL INFORMATION

References	Benziane B et al. Activation of AMP-activated Protein Kinase Stimulates Na⁺,K⁺-ATPase Activity in Skeletal Muscle Cells. J Biol Chem 287:23451-63 (2012). WB PUBMED Li T et al. Microcystin-LR (MCLR) Induces a Compensation of PP2A Activity Mediated by a4 Protein in HEK293 Cells. Int J Biol Sci 7:740-52 (2011). WB ; Human PUBMED Finnegan S et al. A stress survival response in retinal cells mediated through inhibition of the serine / threonine phosphatase PP2A. Eur J Neurosci : (2010). WB ; Mouse PUBMED Hombauer H et al. Generation of active protein phosphatase 2A is coupled to holoenzyme assembly. PLoS Biol 5:e155 (2007) PUBMED Sontag E et al. Downregulation of protein phosphatase 2A carboxyl methylation and methyltransferase may contribute to Alzheimer disease pathogenesis. J Neuropathol Exp Neurol 63:1080-91 (2004) PUBMED Sontag E et al. Altered expression levels of the protein phosphatase 2A AαC enzyme are associated with Alzheimer disease pathology. J Neuropathol Exp Neurol 63:287-301 (2004) PUBMED Fellner T et al. A novel and essential mechanism determining specificity and activity of protein phosphatase 2A (PP2A) in vivo. Genes Dev 17:2138-50 (2003) PUBMED
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pp2a-alpha-antibody-clone-2a10-immunoprecipitation-western-blot-elisa/59513>