

## Rabbit polyclonal antibody to human PP2A alpha (6-20): Affinity purified

<b>Catalogue No.:</b>	R-1097-100
<b>Description:</b>	Serine/threonine-protein phosphatase 2A is one of four major serine and threonine phosphatases and plays an important role in processes such as the regulation of the cell cycle, cell growth and division. It has a common heteromeric core enzyme composed of a catalytic subunit and a constant regulatory subunit. PP2A alpha is the alpha isoform of the catalytic subunit.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (FTKELDQWIEQLNEC) corresponding to a region (6-20) from human PP2A alpha isoform. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; protein phosphatase 2; PP2A-alpha; EC 3.1.3.16; Replication protein C; RP-C; PPP2CA;
<b>Accession:</b>	P67775 PP2AA_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human PP2A alpha isoform has a predicted length of 309 residues and MW of 36 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat; rabbit;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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