

## PP2B-A alpha Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04227
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human PP2B-A $\alpha$
<b>Mol wt</b>	57310
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PP2B-Aalpha
<b>Synonyms</b>	PP2B-A $\alpha$ ; Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; EC 3.1.3.16; CAM-PRP catalytic subunit; Calmodulin-dependent calcineurin A subunit alpha isoform

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Catalytic activity: A phosphoprotein + H<sub>2</sub>O = a protein + phosphate. | cofactor: Binds 1 Fe(3+) ion per subunit. | cofactor: Binds 1 zinc ion per subunit. | Calcium-dependent | calmodulin-stimulated protein phosphatase. This subunit may have a role in the calmodulin activation of calcineurin. Dephosphorylates HSPB1 and SSH1. | online information: Calcineurin entry | Belongs to the PPP phosphatase family. | Belongs to the PPP phosphatase family. PP-2B subfamily. | subcellular location: Colocalizes with ACTN1 and MYOZ2 at the Z line in heart and skeletal muscle. | subunit: Composed of two components (A and B) | the A component is the catalytic subunit and the B component confers calcium sensitivity. Interacts with TORC2/CRTC2 | MYOZ1 | MYOZ2 and MYOZ3. |

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year