

PP2B-A alpha Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04227
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human PP2B-A α
Mol wt	57310
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PP2B-Aalpha
Synonyms	PP2B-A α ; 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 + H₂O = 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