

## MYPT1/2(Phospho Ser668/Ser618) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11475
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human MYPT1/2 (Phospho Ser668/Ser618)
<b>Mol wt</b>	113300
<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>	MYPT1/2
<b>Synonyms</b>	MYPT1/2 ;Phospho Ser668/Ser618; Protein phosphatase 1 regulatory subunit 12A; Myosin phosphatase-targeting subunit 1; Myosin phosphatase target subunit 1; Protein phosphatase myosin-binding subunit

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

### Background

Regulates myosin phosphatase activity. |PTM:Phosphorylated by CIT (Rho-associated kinase) (By similarity). Phosphorylated cooperatively by ROCK1 and CDC42BP on Thr-696. Phosphorylated on upon DNA damage| probably by ATM or ATR. |sequence Contaminating sequence. Potential poly-A sequence. |Contains 6 ANK repeats. |subcellular location:Along actomyosin filaments and stress fibers. |subunit:PP1 comprises a catalytic subunit| PPP1CA| PPP1CB or PPP1CC| and one or several targeting or regulatory subunits. PPP1R12A mediates binding to myosin. Interacts with ARHA and CIT (By similarity). Binds PPP1R12B| ROCK1 and IL16. |

### 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

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