

Product Datasheet

Myosin Phosphatase [p Thr850, p Thr853] Antibody - BSA Free NBP2-13185-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-13185-0.1mg

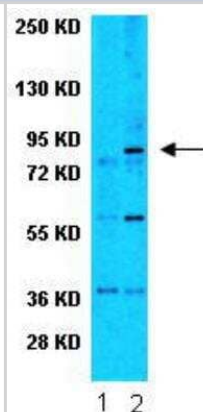
Myosin Phosphatase [p Thr850, p Thr853] Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	0.1M Tris-Glycine (pH 7.4), 0.15M NaCl and 30% Glycerol
Product Description	
Description	May be stored at 4C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Host	Rabbit
Gene ID	4659
Gene Symbol	PPP1R12A
Species	Human, Mouse, Rat, Chicken
Reactivity Notes	Crossreactivity: human (Thr853, O014974), chicken (Thr850, Q90623), mouse (Thr852, Q9DBR7) and rat (Thr855, Q10728).
Specificity/Sensitivity	Recognizes recombinant truncated MYPT1 phosphorylated on Thr853, MW ~80kDa
Immunogen	Synthetic peptide corresponding to aa845-855, C-EKRRS[pT]GVSEFW of chicken MYPT1 with an N-terminal cysteine added for conjugation purposes. Phosphorylation site corresponds to Thr853 in human MYPT1.
Notes	May be stored at 4C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 0.5-2 ug/ml
Application Notes	Western Blot: Detects MYPT1 by preincubation with ROKa/ROK-II active or C2C12 lysates treated with pervanadate. Optimal dilutions to be determined by the researcher.

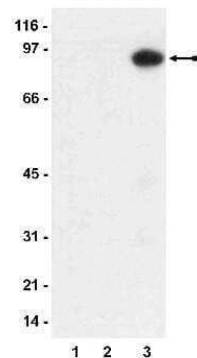


Images

Myosin Phosphatase [p Thr853] Antibody [NBP2-13185] - Lane 1: untreated C2C12 lysate| Lane 2: pervanadate treated C2C12 lysate. Resolved by electrophoresis, transferred to nitrocellulose and probed with Myosin Phosphatase [p Thr853] antibody (0.5ug/ml). Proteins were visualized using an IgG (HRP) goat anti-rabbit and a chemiluminescence detection system. Arrow indicates phosphorylated MYPT1 substrate (80kD).



Myosin Phosphatase [p Thr853] Antibody [NBP2-13185] - Lane 1: ROKa/ROCK-II only Lane 2: MYPT1 substrate only Lane 3: MYPT1 substrate phosphorylated by ROKa/ROCK-II 3





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Products Related to NBP2-13185-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-68929PEP	Myosin Phosphatase Recombinant Protein Antigen

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