

Product Datasheet

Myosin Phosphatase Antibody

NBP1-52478

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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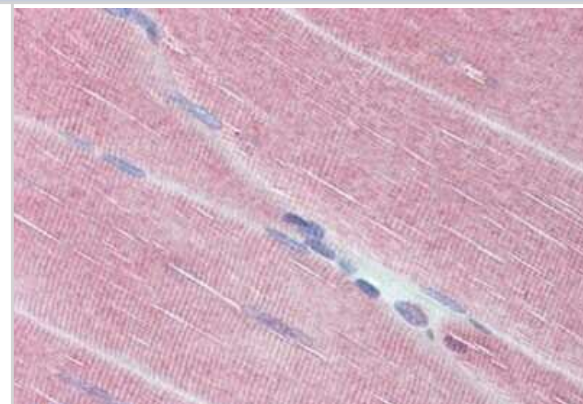


NBP1-52478**Myosin Phosphatase Antibody**

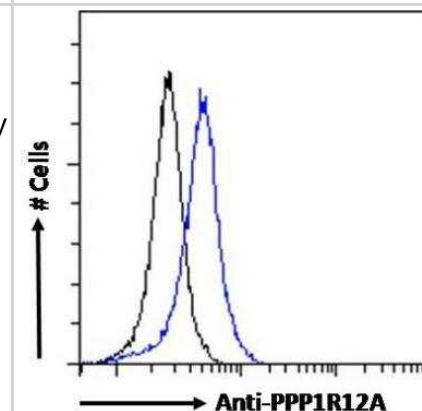
Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS (pH 7.3) and 0.5% BSA
Product Description	
Host	Goat
Gene ID	4659
Gene Symbol	PPP1R12A
Species	Human, Mouse, Rat, Bat, Bovine, Canine, Equine, Primate, Monkey
Reactivity Notes	Gorilla, Gibbon, Marmoset. Predicted cross-reactivity based on sequence identity: Rabbit (86%).
Specificity/Sensitivity	Human Myosin Phosphatase.
Immunogen	Peptide with sequence C-REDEYKQKYSRTYD, from the C Terminus of the protein sequence according to NP_002471.1, NP_001231919.1, NP_001231921.1, and NP_001137358.1.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA 1:16000, Immunofluorescence 10 ug/ml
Application Notes	NBP1-52478 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity.

Images

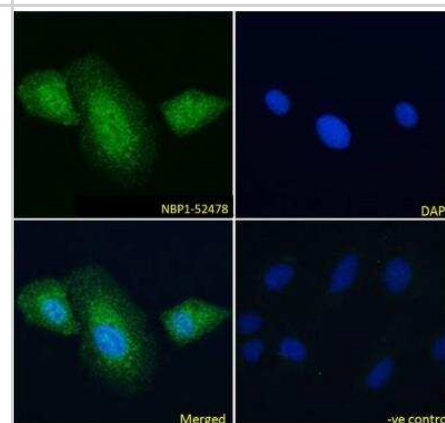
Immunohistochemistry-Paraffin: Myosin Phosphatase Antibody [NBP1-52478] - Analysis of anti-PPP1R12A / MYPT1 antibody with human skeletal muscle at concentration 3.75 ug/ml.



Flow Cytometry: Myosin Phosphatase Antibody [NBP1-52478] - Myosin Phosphatase antibody flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml).



Immunofluorescence: Myosin Phosphatase Antibody [NBP1-52478] - Myosin Phosphatase antibody immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and some nuclear staining.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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