

Product Datasheet

BAF53A Antibody NB100-1421

Unit Size: 0.1 mg

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

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NB100-1421**BAF53A Antibody**

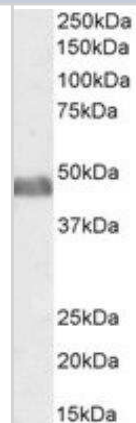
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	86
Gene Symbol	ACTL6A
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise both BAF53A and BAF53B, which are almost identical. Reported variants represent identical protein (NP_817126.1; NP_829888.1).
Immunogen	Peptide with sequence YEEGGKQCVERKCP corresponding to C-Terminus according to NP_004292.1, NP_817126.1, NP_057272.1.

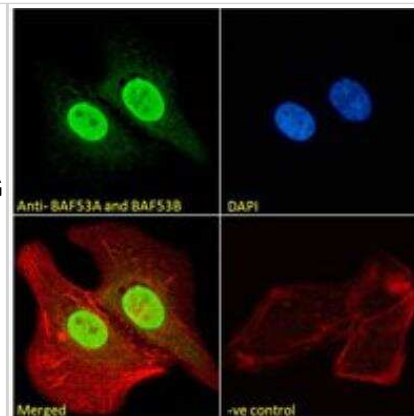
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 2 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:6000

Images

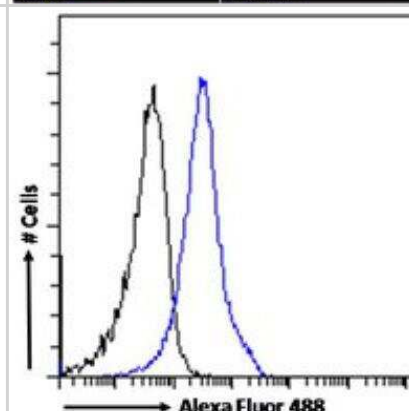
Western Blot: BAF53A Antibody [NB100-1421] - Staining of NIH3T3 nuclear cell lysate (35 ug protein in RIPA buffer). Antibody at 0.5 ug/mL. Detected by chemiluminescence.



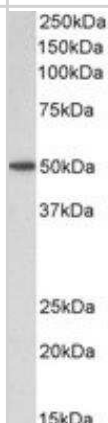
Immunocytochemistry/Immunofluorescence: BAF53A Antibody [NB100-1421] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



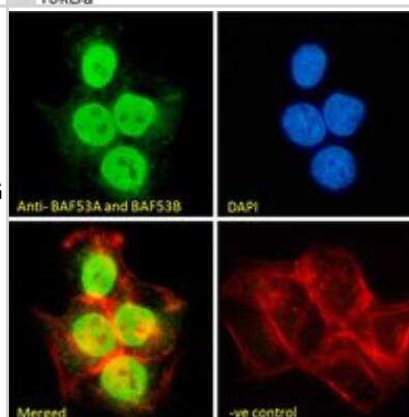
Flow Cytometry: BAF53A Antibody [NB100-1421] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: BAF53A Antibody [NB100-1421] - Staining of Rat Skeletal Muscle lysate (35 ug protein in RIPA buffer). Antibody at 2 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: BAF53A Antibody [NB100-1421] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Harata M, Mochizuki R, Mizuno S. Two isoforms of a human actin-related protein show nuclear localization and mutually selective expression between brain and other tissues. Biosci Biotechnol Biochem 1999-05-01 [PMID: 10380635]



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Products Related to NB100-1421

NB800-PC1	HeLa Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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