

Product Datasheet

KLF3 Antibody NB100-1018

Unit Size: 0.1 mg

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

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NB100-1018**KLF3 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	
Description	Novus Biologicals Goat KLF3 Antibody (NB100-1018) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-KLF3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	51274
Gene Symbol	KLF3
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Porcine, Bovine
Immunogen	Peptide with sequence LMFDPVPVKQEAMD-C corresponding to N-Terminus according to NP_057615.3.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 40 kDa band observed in human heart lysates (predicted MW of 40 kDa band according to NP_057615). Please note that the 40 kDa band is sometimes accompanied by a 80-90 kDa band of unknown identity.

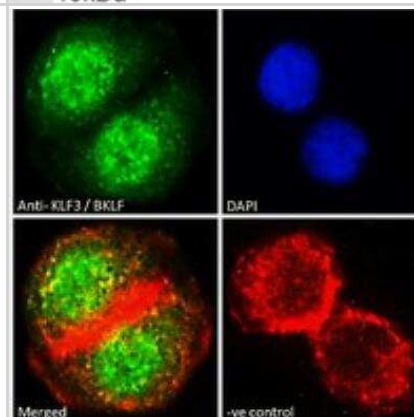


Images

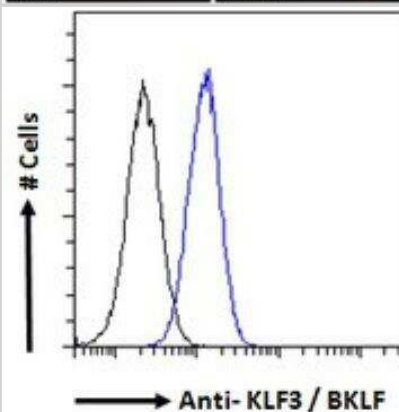
Western Blot: KLF3 Antibody [NB100-1018] - Staining of Human Heart lysate. Antibody at 1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

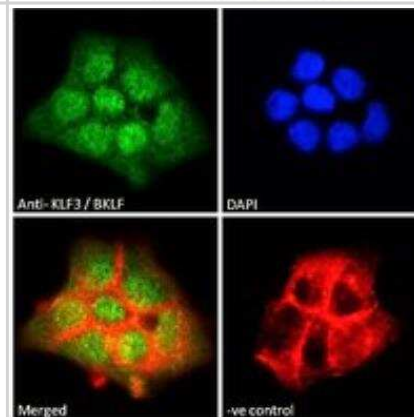
Immunocytochemistry/Immunofluorescence: KLF3 Antibody [NB100-1018] - Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: KLF3 Antibody [NB100-1018] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: KLF3 Antibody [NB100-1018] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Turner J, Crossley M. Basic Kruppel-like factor functions within a network of interacting haematopoietic transcription factors. *Int J Biochem Cell Biol* 1999-10-01 [PMID: 10582345]



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Products Related to NB100-1018

NB820-59217	Human Heart Whole Tissue Lysate (Adult Whole Normal)
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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