

Product Datasheet

ARL2 Antibody NB100-1078

Unit Size: 0.1 mg

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

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NB100-1078**ARL2 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
Target Molecular Weight	21 kDa

Product Description	
Description	Novus Biologicals Goat ARL2 Antibody (NB100-1078) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-ARL2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	402
Gene Symbol	ARL2
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Canine.
Immunogen	Peptide with sequence C-LDDISSRIFTAD corresponding to C-Terminus according to NP_001658.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Flow Cytometry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 18kDa band observed in lysates of cell line A431 and approx. 20kDa in nuclear lysates of cell line HeLa (calculated MW of 20.9kDa according to NP_001658.2). Primary incubation 1 hour at room temperature.

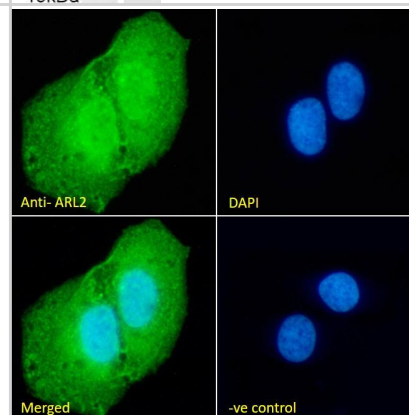


Images

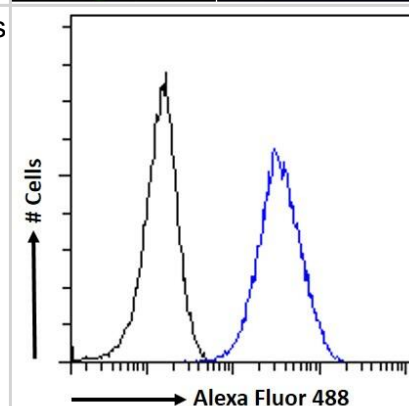
Western Blot: ARL2 Antibody [NB100-1078] - (0.5ug/ml) staining of A431 (A) and (1ug/ml) HeLa nuclear (B) cell lysate (30ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: ARL2 Antibody [NB100-1078] - 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 and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry: ARL2 Antibody [NB100-1078] - 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.



Publications

Clark J, Moore L, Krasinskas A et al. Selective amplification of additional members of the ADP-ribosylation factor (ARF) family: cloning of additional human and Drosophila ARF-like genes. Proc Natl Acad Sci U S A 1993-10-01 [PMID: 8415637]



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Products Related to NB100-1078

NBL1-07692	ARL2 Overexpression 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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