

Product Datasheet

FOXG1 Antibody NB100-1099

Unit Size: 0.1 mg

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

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NB100-1099

FOXG1 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 FOXG1 Antibody (NB100-1099) is a polyclonal antibody validated for use in WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2290
Gene Symbol	FOXG1
Species	Human
Immunogen	Peptide with sequence C-HQNQGSSSNPLIH corresponding to C-Terminus according to NP_005240.3.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Flow Cytometry 10 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 48kDa band observed in lysates of cell line U251, and approx. 48-50kDa in Human Cerebellum and Cerebral Cortex lysates (calculated MW of 52.4kDa according to NP_005240.3 (FOXG1B), and 50.5kDa according to CAA55038.1 (FOXG1A). An additional band at 70-75kDa was observed in some lysates and was successfully blocked by incubation with the immunizing peptide. Primary incubation 1 hour at room temperature.



Images

Western Blot: FOXG1 Antibody [NB100-1099] - (1ug/ml) staining of U251 cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

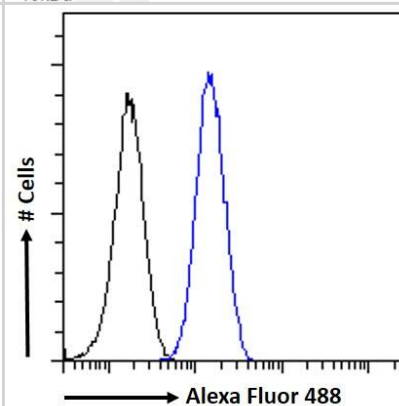
250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Western Blot: FOXG1 Antibody [NB100-1099] - (0.5ug/ml) staining of Human Cerebellum (A) and Cerebral Cortex (B) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

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

A B

Flow Cytometry: FOXG1 Antibody [NB100-1099] - Flow cytometric analysis of paraformaldehyde fixed U251 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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-1099

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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