

Product Datasheet

Autoimmune Regulator/AIRE Antibody NB100-40799

Unit Size: 0.1 mg

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

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Publications: 1

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NB100-40799

Autoimmune Regulator/AIRE 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

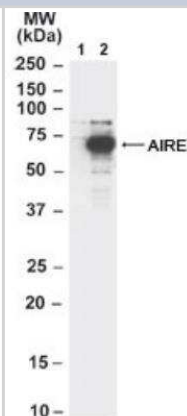
Product Description	
Description	Novus Biologicals Goat Autoimmune Regulator/AIRE Antibody (NB100-40799) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Autoimmune Regulator/AIRE Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	326
Gene Symbol	AIRE
Species	Human, Porcine
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 (NP_000374.1) only.
Immunogen	Peptide with sequence C-KDV DLSQPRKGRKP corresponding to internal region according to NP_000374.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 10 ug/mL, Immunohistochemistry 2.5 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 60 kDa band in transfected HEK293 lysates (calculated MW of 57.7 kDa band according to NP_000374.1). IHC-P: Human thymus shows nuclear staining in select thymocytes. IHC usage on fetal porcine thymus is reported in scientific literature (PMID: 24770647).

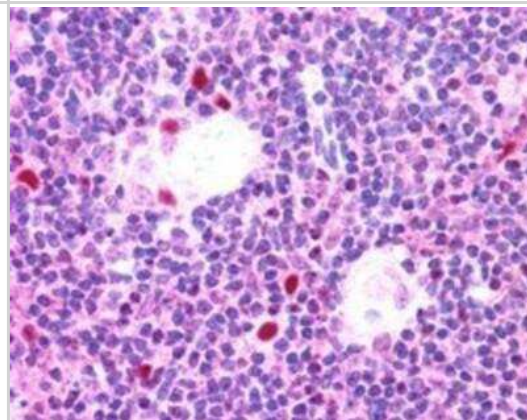


Images

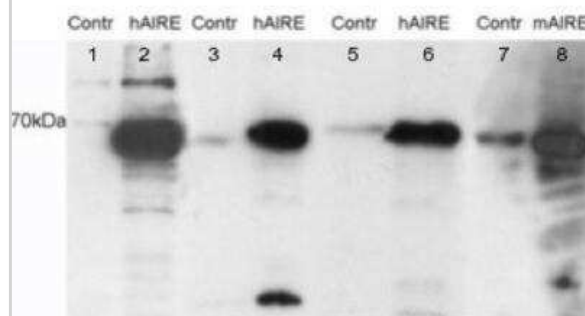
Western Blot: Autoimmune Regulator/AIRE Antibody [NB100-40799] - HEK293 cell lysates at 0.05ug/mL. Untransfected (lane 3) and transfected with Human AIRE (lane 4). Data kindly provided by Prof. Part Peterson, University of Tartu, Estonia.



Immunohistochemistry-Paraffin: Autoimmune Regulator/AIRE Antibody [NB100-40799] - Staining of Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Autoimmune Regulator/AIRE Antibody [NB100-40799] - Analysis of HEK293 cell lysates. Untransfected (Lane 3) and transfected with Human AIRE (lane 4). Data kindly provided by Prof. Part Peterson, University of Tartu, Estonia.



Publications

Niki S, Oshikawa K, Mouri Y et al. Alteration of intra-pancreatic target-organ specificity by abrogation of Aire in NOD mice. *J Clin Invest* 2006-05-01 [PMID: 16628255]



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 NB100-40799

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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