

Product Datasheet

Autoimmune Regulator/AIRE Antibody NB100-40799

Unit Size: 0.1 mg

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

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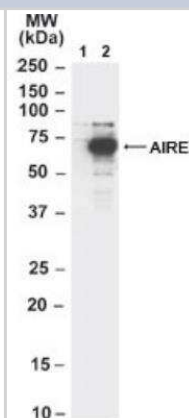


NB100-40799**Autoimmune Regulator/AIRE Antibody**

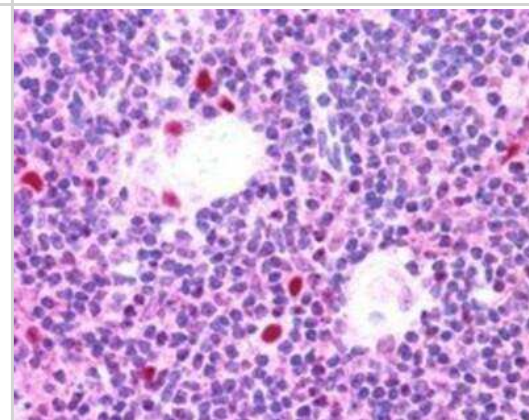
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
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-KDVDLSQPRKGRKP corresponding to internal region according to NP_000374.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, 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]



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Products Related to NB100-40799

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
7268-CT-100	CTLA-4 [Unconjugated]

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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