

Anti-AIRE antibody (C-Term) (STJ70203)

STJ70203

GENERAL INFORMATION

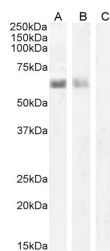
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-AIRE (C-Term) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
Applications	Pep-ELISA, WB, IHC
Host/Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

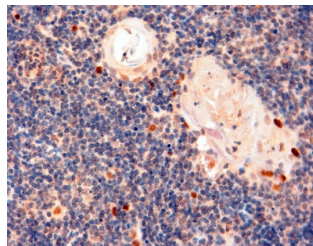
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	WB-1-2µg/ml IHC-2.5µg/ml IF-Strong expression of the protein seen in the nucleoplasm and nuclear membranes of U2OS and HeLa cells. 10µg/ml ELISA-antibody detection limit dilution 1:128000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

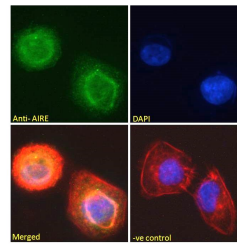
Gene ID	326
Gene Symbol	AIRE
Uniprot ID	AIRE_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	
Immunogen Sequence	QSMARPAAPFPS



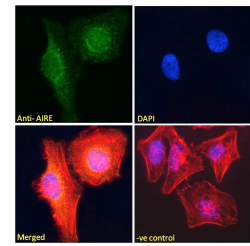
STJ70203 (1µg/ml) staining of nuclear Jurkat cell (A), (2µg/ml) Human Spleen (B) and negative control Human Smooth Muscle (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70203 (2µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



STJ70203 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing nucleoplasm and nuclear membrane staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70203 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing nucleoplasm and nuclear membrane staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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