

AIRE antibody

Product Information

Catalog No.:	FNab00241
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Transcriptional regulator that binds to DNA as a dimer or as a tetramer, but not as a monomer. Binds to G-doublets in an A/T-rich environment; the preferred motif is a tandem repeat of 5'-ATTGGTTA-3' combined with a 5'-TTATTA-3' box. Binds to nucleosomes(By similarity). Binds to chromatin and interacts selectively with histone H3 that is not methylated at 'Lys-4', not phosphorylated at 'Thr-3' and not methylated at 'Arg-2'. Functions as a sensor of histone H3 modifications that are important for the epigenetic regulation of gene expression. Functions as a transcriptional activator and promotes the expression of otherwise tissue-specific self-antigens in the thymus, which is important for self tolerance and the avoidance of autoimmune reactions.

Immunogen information

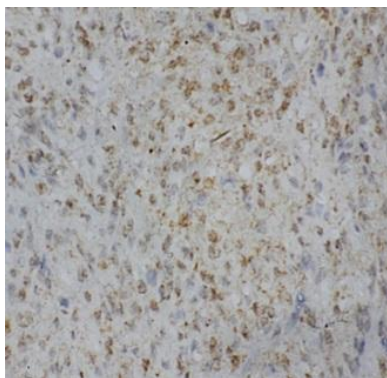
Immunogen:	autoimmune regulator
Synonyms:	Autoimmune regulator Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein (APECED protein) AIRE APECED
Observed MW:	60 kDa
Uniprot ID :	O43918

Application

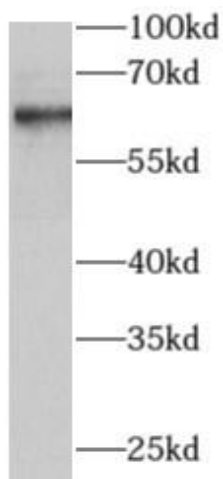
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-200

Image:



Immunohistochemistry of paraffin-embedded human stomach slide using FNab00241(AIRE Antibody) at dilution of 1:50



L02 cells were subjected to SDS PAGE followed by western blot with FNab00241(AIRE Antibody) at dilution of 1:1000