

AIRE Ab

[Images\(1\)](#)

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| Cat.#: AF0334 | Concn.: ~1mg/ml | Mol.Wt.: 60kDa |
| Size: | Source: Rabbit | Clonality: Polyclonal |
| Application: | WB 1:500-1:3000, IF/ICC: 1:100-1:500 *The optimal dilutions should be determined by the end user. | |
| Reactivity: | Human,Mouse | |
| Storage: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. | |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). | |
| Immunogen: | A synthesized peptide derived from human AIRE, corresponding to a region within the internal amino acids. | |
| Uniprot: | O43918 | |
| Description: | AIRE 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. 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'. | |

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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