

## Rabbit Biotin Polyclonal Antibody | anti-birA antibody

Biotin antibody (FITC)

| CATALOG # | HOST   | REACTIVITY                   | APPLICATIONS                                         |
|-----------|--------|------------------------------|------------------------------------------------------|
| AAA75158  | Rabbit | To be determined by end-user | Immunofluorescence, Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

Biotin; Polyclonal Antibody; Biotin antibody (FITC); Polyclonal Biotin; Anti-Biotin; anti-birA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                                     | To be determined by end-user                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                            | Biotin antibody (FITC) was purified by ion exchange chromatography followed by dialysis.                                                                                                                                                                                                                                                                                |
| Form/Format                                    | IgG fraction supplied as a liquid in PBS, pH 7.4 with 5.0mg/ml BSA (IgG and Protease free) and 0.01% Thimerosal                                                                                                                                                                                                                                                         |
| Sequence Length                                | 320                                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for anti-birA antibody | IF (Immunofluorescence), FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                      |
| Biological Significance                        | Biotin is a water-soluble B-complex vitamin (vitamin B7) that is composed of a ureido (tetrahydroimidizalone) ring fused with a tetrahydrothiophene ring. A valeric acid substituent is attached to one of the carbon atoms of the tetrahydrothiophene ring. Biotin is a coenzyme in the metabolism of fatty acids and leucine, and it plays a role in gluconeogenesis. |
| Tag/Conjugate                                  | FITC                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                      | Biotin antibody (FITC) was raised in rabbit using biotin conjugated to KLH as the immunogen.                                                                                                                                                                                                                                                                            |
| Additional Remarks                             | F/P Ratio: 2.7 moles DTAF per mole of Rabbit IgG                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                        | Store at 4 degree C or aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                     |

### ADDITIONAL INFORMATION

|                                                    |                                                     |
|----------------------------------------------------|-----------------------------------------------------|
| Related Product Information for anti-birA antibody | Rabbit polyclonal Biotin antibody (FITC) conjugated |
| Product Categories/Family for anti-birA antibody   | <a href="#">Conjugated Polyclonal Antibodies</a>    |

### NCBI AND UNIPROT INFORMATION

|                         |                                    |
|-------------------------|------------------------------------|
| NCBI GI #               | 320088538                          |
| UniProt Accession #     | <a href="#">E9A979</a>             |
| Molecular Weight        | 35,396 Da                          |
| NCBI Official Full Name | biotin                             |
| UniProt Protein Name    | Bifunctional ligase/repressor BirA |

|                    |              |
|--------------------|--------------|
| UniProt Gene Name  | birA         |
| UniProt Entry Name | E9A979_SALET |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/biotin-antibody-immunofluorescence-flow-cytometry-elisa/75158>