

Goat Biotin Polyclonal Antibody | anti-birA antibody

Biotin antibody (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA106854	Goat	Based on IEP, this antibody reacts with Free Biotin and Biotin coupled t KLH, BSA, or IgG/y. No reactivity is observed to KLH or BSA.	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Based on IEP, this antibody reacts with Free Biotin and Biotin coupled t KLH, BSA, or IgG/y. No reactivity is observed to KLH or BSA.
Clonality	Polyclonal
Purity/Purification	> 95% pure Affinity purified using solid phase biotin
Form/Format	Affinity purified liquid in 10mM Sodium Phosphate, pH 7.2 with 150mM Sodium Chloride, 1% BSA, and 0.05% NaN ₃ .
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	320
Applicable Applications for anti-birA antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Source Note	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Biological Significance	Biotin is a water-soluble B-complex vitamin (vitamin B7). Biotin is necessary for cell growth, the production of fatty acids, and the metabolism of fats and amino acids. It plays a role in the citric acid cycle, which is the process by which biochemical energy is generated during aerobic respiration. Biotin not only assists in various metabolic reactions but also helps to transfer carbon dioxide. Biotin may also be helpful in maintaining a steady blood sugar level.
Tag/Conjugate	FITC
Immunogen	Purified Biotin
Additional Remarks	Fluor/Protein Ratio: 8.1 Moles FITC per Mole Antibody.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-birA antibody	Biotin antibody (FITC)
Product Categories/Family for anti-birA antibody	Conjugated Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	320088538
UniProt Accession #	E9A979
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-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106854>