

Goat Biotin Polyclonal Antibody | anti-birA antibody

Biotin antibody (FITC)

CATALOG # AAA75046	HOST Goat	REACTIVITY To be determined by end-user	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Goat
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	Liquid in 0.01M Sodium Phosphate, 0.14M NaCl, pH 7.4 with 10mg/ml BSA (IgG and Protease free) and 0.01% Sodium Azide.
Concentration	5.0mg/ml (by UV absorbance at 280nm) (varies by lot)
Sequence Length	320
Applicable Applications for anti-birA antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
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.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	FITC
Immunogen	Biotin antibody (FITC) was raised in goat using biotin conjugated KLH as the immunogen.
Preparation and Storage	Store at 4 degree C short term, -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.

ADDITIONAL INFORMATION

Related Product Information for anti-birA antibody	Goat polyclonal Biotin antibody (FITC) conjugated
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-flow-cytometry-immunofluorescence-elisa/75046>