

Rabbit RFK Polyclonal Antibody | anti-RFK antibody

RFK Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286733	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

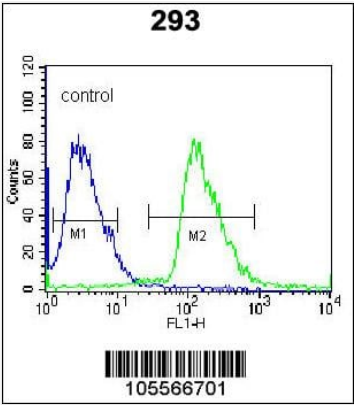
PRODUCT SYNONYMS

RFK; Polyclonal Antibody; RFK Antibody (N-term); Riboflavin kinase; ATP:riboflavin 5'-phosphotransferase; Flavokinase; anti-RFK antibody

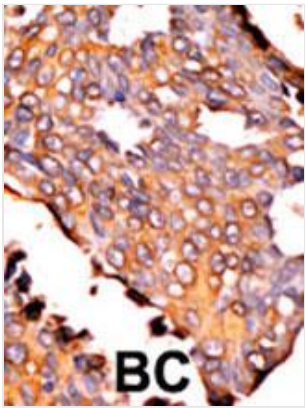
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RFK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RFK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	155
Applicable Applications for anti-RFK antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

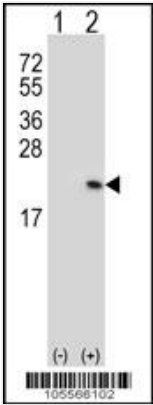
IMAGES



FCM/FACS (Flow Cytometry)
RFK Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of RFK (arrow) using rabbit polyclonal RFK Antibody (C15). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the RFK gene.

ADDITIONAL INFORMATION

Related Product Information for anti-RFK antibody	RFK (riboflavin kinase) catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin-mononucleotide (FMN).
Product Categories/Family for anti-RFK antibody	Metabolism; Signal Transduction
References	Karthikeyan, S., et al., Biochemistry 42(43):12532-12538 (2003). Karthikeyan, S., et al., Structure (Camb.) 11(3):265-273 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	269973877
NCBI GeneID	55312
NCBI Accession #	NP_060809.3
NCBI GenBank Nucleotide #	NM_018339.5
UniProt Accession #	Q969G6; Q5JSG9; Q9NUT7
Molecular Weight	17623

NCBI Official Full Name	riboflavin kinase
NCBI Official Synonym Full Names	riboflavin kinase
NCBI Official Symbol	RFK
NCBI Official Synonym Symbols	RIFK
NCBI Protein Information	riboflavin kinase
UniProt Protein Name	Riboflavin kinase
UniProt Gene Name	RFK
UniProt Entry Name	RIFK_HUMAN

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://stage.aaabiotech.com/polyclonal/rfk-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/286733>