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Datasheet for ABIN7168094

**anti-Riboflavin Kinase antibody (AA 1-154) (HRP)**

## Overview

Quantity:	100 µg
Target:	Riboflavin Kinase (RFK)
Binding Specificity:	AA 1-154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Riboflavin Kinase antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Riboflavin kinase protein (1-154AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Riboflavin Kinase (RFK)
Alternative Name:	RFK ( <a href="#">RFK Products</a> )
Background:	Background: Catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin-mononucleotide (FMN), hence rate-limiting enzyme in the synthesis of FAD. Essential for TNF-

## Target Details

induced reactive oxygen species (ROS) production. Through its interaction with both TNFRSF1A and CYBA, physically and functionally couples TNFRSF1A to NADPH oxidase. TNF-activation of RfK may enhance the incorporation of FAD in NADPH oxidase, a critical step for the assembly and activation of NADPH oxidase.

Aliases: 0610038L10Rik antibody, AF031381 antibody, ATP:riboflavin 5' phosphotransferase antibody, ATP:riboflavin 5"-phosphotransferase antibody, Flavokinase antibody, FLJ11149 antibody, KOI 4 antibody, Rfk antibody, Riboflavin kinase antibody, RIFK antibody, RIFK\_HUMAN antibody, RP11-422N19.2 antibody

UniProt: [Q969G6](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.