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Datasheet for ABIN7118514 **anti-Riboflavin Kinase antibody**

Overview

Quantity:	100 µg
Target:	Riboflavin Kinase (RFK)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Riboflavin Kinase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	riboflavin kinase
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Riboflavin Kinase (RFK)
Alternative Name:	RFK (RFK Products)
Background:	Synonyms: 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-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

Target Details

RFK may enhance the incorporation of FAD in NADPH oxidase, a critical step for the assembly and activation of NADPH oxidase.

Molecular Weight: 18 kDa

Gene ID: 55312

UniProt: [Q969G6](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months