

RFK antibody

Product Information

Catalog No.:	FNab07253
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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

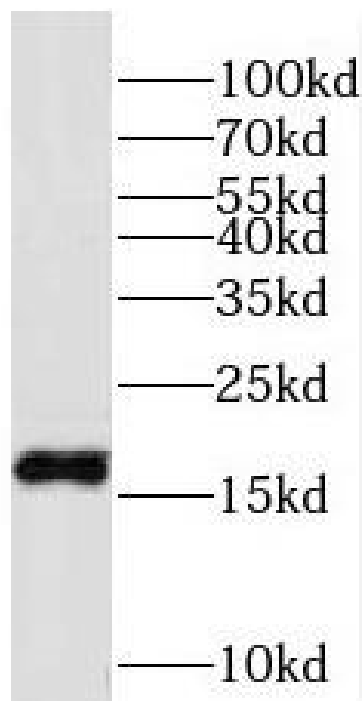
Immunogen information

Immunogen:	riboflavin kinase
Synonyms:	Riboflavin kinase ATP:riboflavin 5'-phosphotransferase Flavokinase RFK
Observed MW:	18 kDa
Uniprot ID :	Q969G6

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07253(RFK antibody) at dilution of 1:500