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Datasheet for ABIN7151470  
**anti-TPRKB antibody (AA 1-175) (HRP)**

### Overview

Quantity:	100 µg
Target:	TPRKB
Binding Specificity:	AA 1-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPRKB antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human EKC/KEOPS complex subunit TPRKB protein (1-175AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	TPRKB
Alternative Name:	TPRKB ( <a href="#">TPRKB Products</a> )
Background:	Background: Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons

## Target Details

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beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. TPRKB acts as an allosteric effector that regulates the t(6)A activity of the complex. TPRKB is not required for tRNA modification.

Aliases: CGI 121 antibody, My019 antibody, PRPK (p53 related protein kinase) binding protein antibody, PRPK-binding protein antibody, TP53RK binding protein antibody, TP53RK-binding protein antibody, Tprkb antibody, TPRKB\_HUMAN antibody

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UniProt: [Q9Y3C4](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.