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Datasheet for ABIN7151468
anti-TPRKB antibody (AA 1-175) (Biotin)

Overview

Quantity:	100 µg
Target:	TPRKB
Binding Specificity:	AA 1-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPRKB antibody is conjugated to Biotin
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 (TPRKB Products)
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

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

UniProt: [Q9Y3C4](#)

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.