

Datasheet for ABIN7151467
anti-TPRKB antibody (AA 1-175)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	TPRKB
Binding Specificity:	AA 1-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPRKB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

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: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

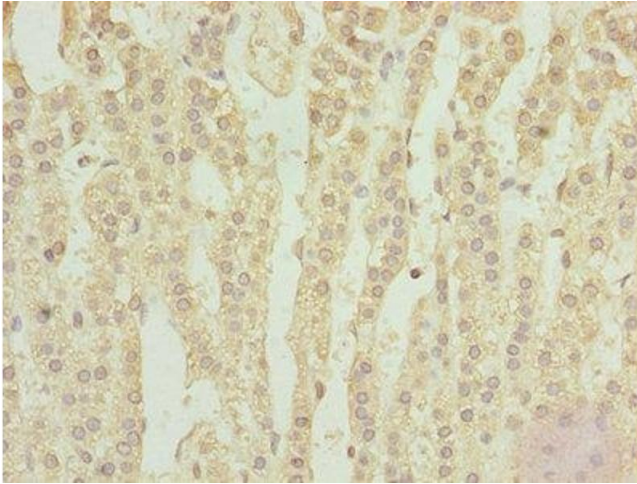
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

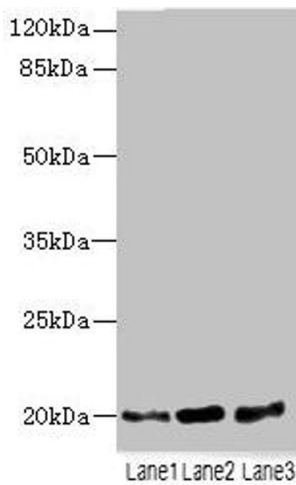
Storage: -20 °C,-80 °C

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



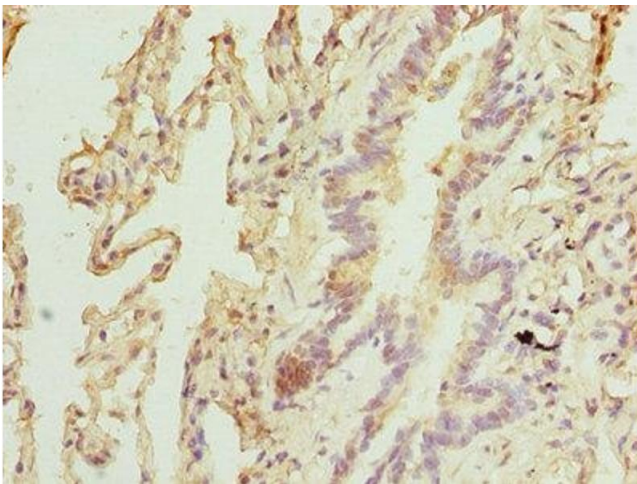
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7151467 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: TPRKB antibody at 5 µg/mL
Lane 1: A549 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 20, 17, 24 kDa Observed band size: 20 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7151467 at dilution of 1:100