

Rabbit anti-Human TPRKB Polyclonal Antibody | anti-TPRKB antibody

TPRKB Antibody

CATALOG # AAA230431	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TPRKB; Polyclonal Antibody; TPRKB Antibody; EKC/KEOPS complex subunit TPRKB; PRPK-binding protein; TP53RK-binding protein; CGI-121; My019; anti-TPRKB antibody

PRODUCT SPECIFICATIONS

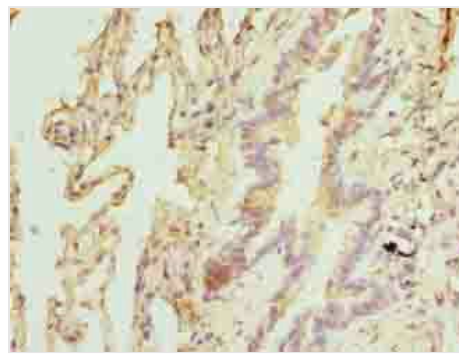
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	175
Applicable Applications for anti-TPRKB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human EKC/KEOPS complex subunit TPRKB protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-242431
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



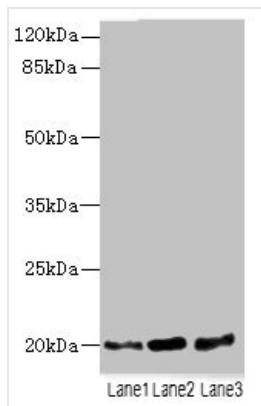
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA230431 at dilution of 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA230431 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: TPRKB antibody at 5ug/mlLane 1: A549 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: MCF7 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 20,17,24 kDaObserved band size: 20 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TPRKB antibody

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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705590
NCBI GeneID	51002
NCBI Accession #	NP_057142.1
NCBI GenBank Nucleotide #	NM_016058.2
UniProt Accession #	Q9Y3C4; Q8IWR6; Q8IWR7; Q9H3K4; D6W5H6
Molecular Weight	23,854 Da
NCBI Official Full Name	EKC/KEOPS complex subunit TPRKB
NCBI Official Synonym Full Names	TP53RK binding protein
NCBI Official Symbol	TPRKB
NCBI Official Synonym Symbols	CGI-121
NCBI Protein Information	EKC/KEOPS complex subunit TPRKB
UniProt Protein Name	EKC/KEOPS complex subunit TPRKB
UniProt Gene Name	TPRKB
UniProt Entry Name	TPRKB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tpskb-antibody-immunohistochemistry-western-blot-elisa/230431>