

PACO42678

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein 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 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.

Gene ID:

TPRKB

Uniprot

Q9Y3C4

Synonyms:

EKC/KEOPS complex subunit TPRKB (PRPK-binding protein) (TP53RK-binding protein),
TPRKB

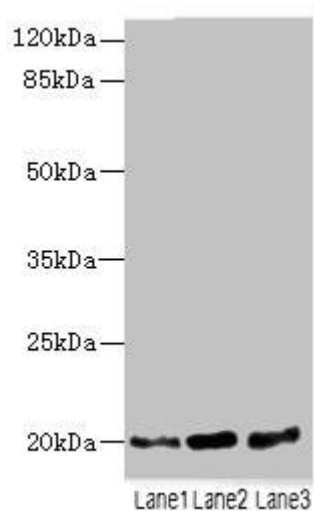
Immunogen:

Recombinant Human EKC/KEOPS complex subunit TPRKB protein (1-175AA).

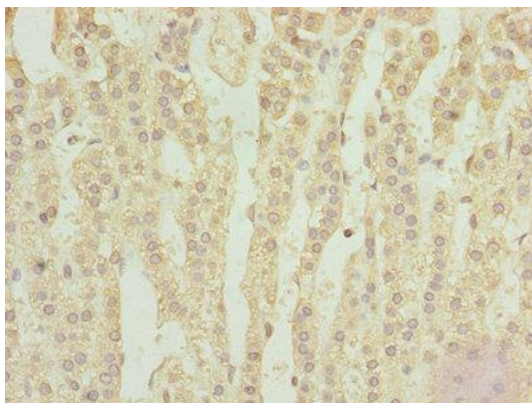
Storage:

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

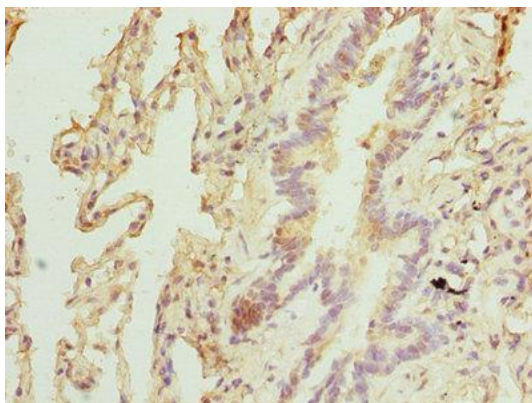
Product Images



Western blot. All lanes: TPRKB antibody at 5 μ g/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 of paraffin-embedded human adrenal gland tissue using PACO42678 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human lung tissue using PACO42678 at dilution of 1:100.