

Product datasheet for **TA387905**

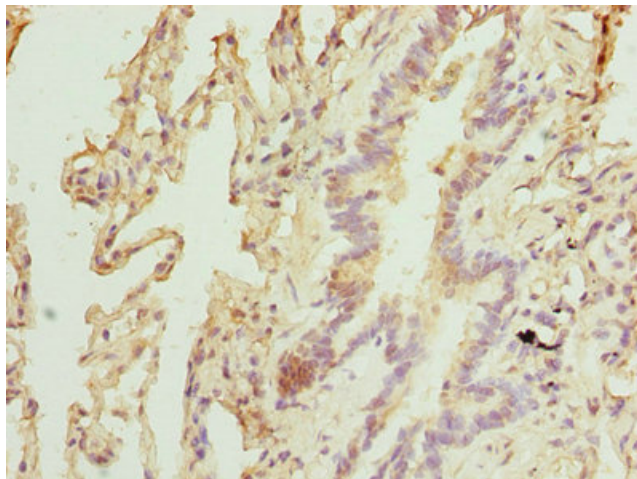
TPRKB Rabbit Polyclonal Antibody

Product data:

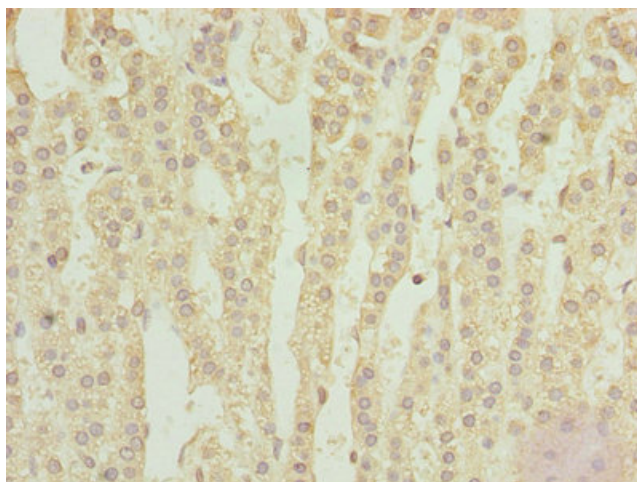
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human EKC/KEOPS complex subunit TPRKB protein (1-175AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q9Y3C4
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.



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Product images:

Immunohistochemistry of paraffin-embedded human lung tissue using TA387905 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human adrenal gland tissue using TA387905 at dilution of 1:100

**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