

## Product datasheet for **TA387137**

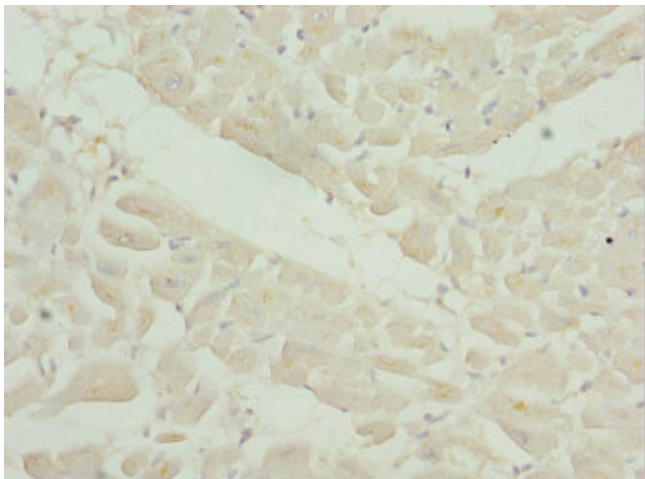
### OSGEP Rabbit Polyclonal Antibody

#### Product data:

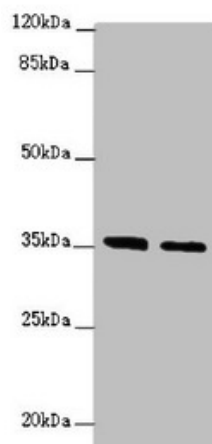
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Probable tRNA N6-adenosine threonylcarbamoyltransferase protein (1-335AA)
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">Q9NPF4</a>
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. OSGEP likely plays a direct catalytic role in this reaction, but requires other protein(s) of the complex to fulfill this activity.



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**Product images:**

Immunohistochemistry of paraffin-embedded human heart tissue using TA387137 at dilution of 1:100



Western blot  
All lanes: OSGEP antibody at 2.04 $\mu$ g/ml  
Lane 1: Jurkat whole cell lysate  
Lane 2: PC-3 whole cell lysate  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 36 kDa  
Observed band size: 36 kDa