OSGEP Antibody

PACO44668

Product Information

Size:

50ul

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. OSGEP likely plays a direct catalytic role in this reaction, but requires other protein(s) of the complex to fulfill this activity.

Gene ID:

OSGEP

Uniprot

Q9NPF4

Synonyms:

Probable tRNA N6-adenosine threonylcarbamoyltransferase (EC 2.3.1.234) (N6-L-threonylcarbamoyladenine synthase) (t(6)A synthase) (O-sialoglycoprotein endopeptidase) (hOSGEP) (t(6)A37 threonylcarbamoyladenosine biosynthesis protein OSGEP) (tRNA threonylcarbamoyladenosine biosynthesis protein OSGEP), OSGEP, GCPL1

Immunogen:

Recombinant Human Probable tRNA N6-adenosine threonylcarbamoyltransferase protein (1-335AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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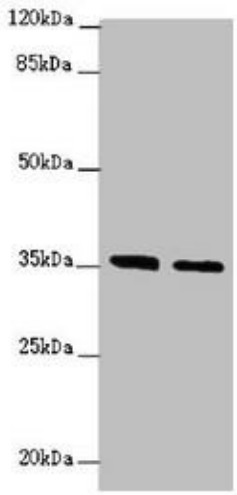
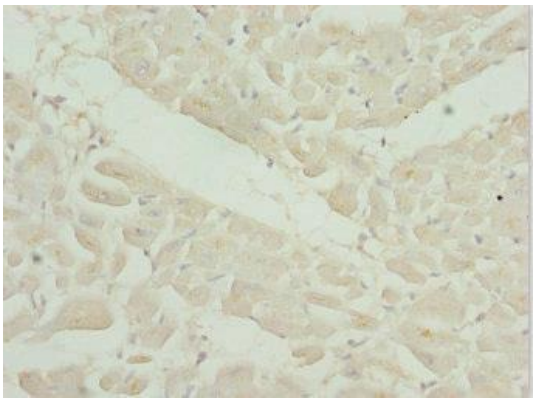
Product Images



Western blot. All lanes: OSGEP antibody at 2.04µg/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.



Immunohistochemistry of paraffin-embedded human heart tissue using PACO44668 at dilution of 1:100.

