

PACO44779

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:

Required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in mitochondrial tRNAs that read codons beginning with adenine. Probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. Involved in mitochondrial genome maintenance.

Gene ID:

OSGEPL1

Uniprot

Q9H4B0

Synonyms:

Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial (EC 2.3.1.234) (N6-L-threonylcarbamoyladenine synthase) (t(6)A synthase) (O-sialoglycoprotein endopeptidase-like protein 1) (t(6)A37 threonylcarbamoyladenine biosynthesis protein OSGEPL1) (tRNA threonylcarbamoyladenine biosynthesis protein OSGEPL1), OSGEPL1, GCP1

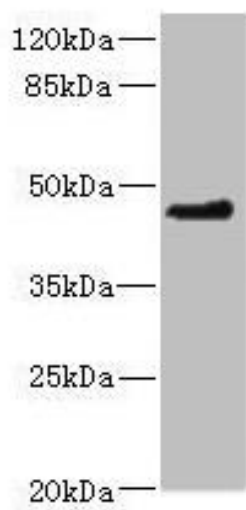
Immunogen:

Recombinant Human Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial protein (1-270AA).

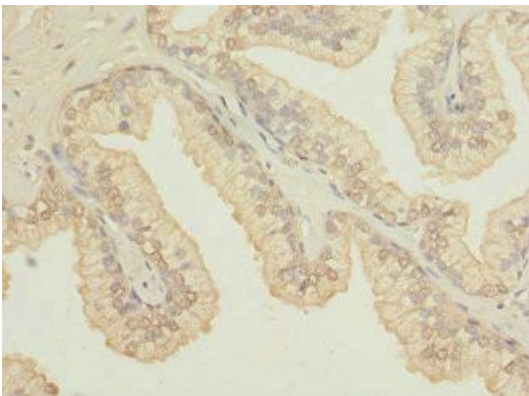
Storage:

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

Product Images



Western blot. All lanes: OSGEPL1 antibody at 2.35 μ g/ml + U251 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 46, 40, 33 kDa. Observed band size: 46 kDa.



Immunohistochemistry of paraffin-embedded human prostate cancer using PACO44779 at dilution of 1:100.