

ARG59969 anti-OSGEPL1 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes OSGEPL1 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | OSGEPL1 |
| Species | Human |
| Immunogen | Recombinant fusion protein corresponding to aa. 1-270 of Human OSGEPL1 (NP_071748.2). |
| Conjugation | Un-conjugated |
| Alternate Names | EC 2.3.1.234; tRNA threonylcarbamoyladenine biosynthesis protein OSGEPL1; Qri7; N6-L-threonylcarbamoyladenine synthase; t; O-sialoglycoprotein endopeptidase-like protein 1; 6; Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | IHC-P | 1:50 - 1:100 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Rat liver and Mouse testis | |
| Observed Size | 45 kDa | |

Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

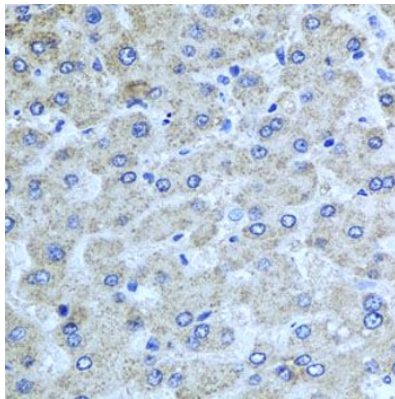
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

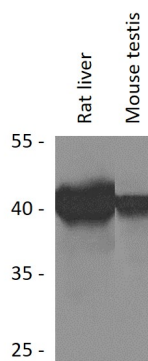
| | |
|-----------------------|---|
| Gene Symbol | OSGEPL1 |
| Gene Full Name | O-sialoglycoprotein endopeptidase-like 1 |
| Function | Required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in mitochondrial tRNAs that read codons beginning with adenine. Probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. Involved in mitochondrial genome maintenance. [UniProt] |
| Calculated Mw | 45 kDa |
| Cellular Localization | Mitochondrion. [UniProt] |

Images



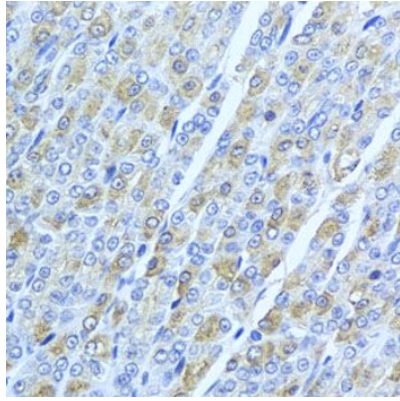
ARG59969 anti-OSGEPL1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver injury stained with ARG59969 anti-OSGEPL1 antibody at 1:100 dilution.



ARG59969 anti-OSGEPL1 antibody WB image

Western blot: 25 µg of Rat liver and Mouse testis lysates stained with ARG59969 anti-OSGEPL1 antibody at 1:1000 dilution.



ARG59969 anti-OSGEPL1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse stomach stained with ARG59969 anti-OSGEPL1 antibody at 1:100 dilution.