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OSGEPL1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15522

Specification

OSGEPL1 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9H4B0
Other Accession	NM_022353, NP_071748
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

OSGEPL1 Antibody - C-terminal region - Additional Information

Gene ID 64172

Alias Symbol	**Qri7**

Other Names
Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial {ECO:0000255|HAMAP-Rule:MF_03179}, 2.6.99.4, N6-L-threonylcarbamoyladenine synthase, t(6)A synthase, O-sialoglycoprotein endopeptidase-like protein 1 {ECO:0000255|HAMAP-Rule:MF_03179}, t(6)A37 threonylcarbamoyladenosine biosynthesis protein OSGEPL1 {ECO:0000255|HAMAP-Rule:MF_03179}, tRNA threonylcarbamoyladenosine biosynthesis protein OSGEPL1 {ECO:0000255|HAMAP-Rule:MF_03179}, OSGEPL1 {ECO:0000255|HAMAP-Rule:MF_03179}, GCP1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-OSGEPL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
OSGEPL1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

OSGEPL1 Antibody - C-terminal region - Protein Information

Name OSGEPL1 {ECO:0000255|HAMAP-Rule:MF_03179}

Synonyms GCP1

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.

Cellular Location
Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03179, ECO:0000269|PubMed:19694617, ECO:0000269|PubMed:29760464}

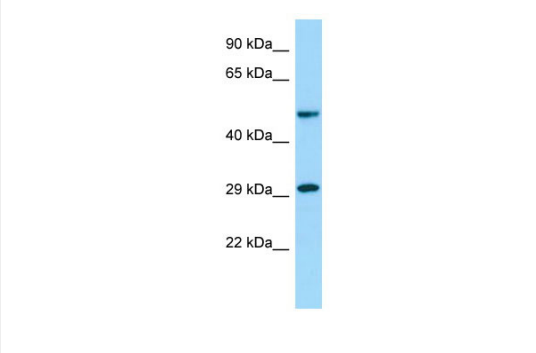
Tissue Location
Widely expressed, with maximum expression in pituitary gland, prostate, rectum and uterus

OSGEPL1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OSGEPL1 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: OSGEPL1
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/ml