

## Rabbit anti-Human OSGEPL1 Polyclonal Antibody | anti-OSGEPL1 antibody

OSGEPL1 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231083</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

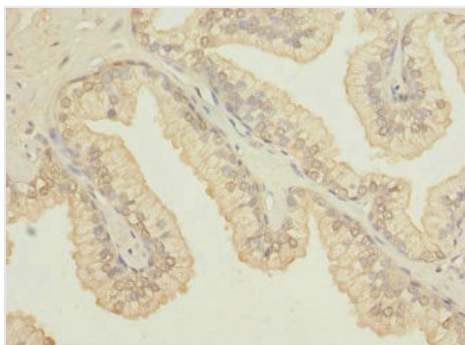
### PRODUCT SYNONYMS

OSGEPL1; Polyclonal Antibody; OSGEPL1 Antibody; Probable tRNA N6-adenosine threonylcarbamoyltransferase; mitochondrial; N6-L-threonylcarbamoyladenine synthase; anti-OSGEPL1 antibody

### PRODUCT SPECIFICATIONS

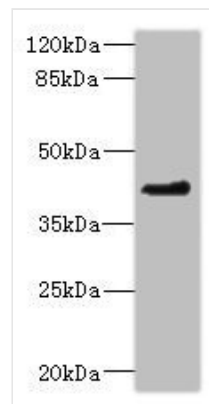
|                                                   |                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                         |
| Reactivity                                        | Human                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                     |
| Isotype                                           | IgG                                                                                                            |
| Purity/Purification                               | Antigen Affinity Purified                                                                                      |
| Form/Format                                       | Liquid                                                                                                         |
| Sequence Length                                   | 414                                                                                                            |
| Applicable Applications for anti-OSGEPL1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                           | Human                                                                                                          |
| Immunogen                                         | Recombinant human Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial protein (N-270AA)     |
| Conjugate                                         | Non-conjugated                                                                                                 |
| Buffer                                            | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Preparation and Storage                           | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA231083 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: OSGEPL1 antibody at 2.35ug/ml+ U251 whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 46,40,33 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OSGEPL1 antibody | 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. |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 116812636                                                              |
| NCBI GeneID                      | 64172                                                                  |
| NCBI Accession #                 | NP_071748.2                                                            |
| NCBI GenBank Nucleotide #        | NM_022353.2                                                            |
| UniProt Accession #              | Q9H4B0; Q96EV9; Q96NH5                                                 |
| Molecular Weight                 | 32,586 Da                                                              |
| NCBI Official Full Name          | probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial |
| NCBI Official Synonym Full Names | O-sialoglycoprotein endopeptidase like 1                               |
| NCBI Official Symbol             | OSGEPL1                                                                |
| NCBI Official Synonym Symbols    | Qri7; OSGEPL                                                           |
| NCBI Protein Information         | probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial |
| UniProt Protein Name             | Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial |
| UniProt Gene Name                | <b>OSGEPL1</b>                                                         |
| UniProt Synonym Gene Names       | t(6)A synthase                                                         |
| UniProt Entry Name               | OSGP2_HUMAN                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/osgepl1-antibody-immunohistochemistry-western-blot-elisa/231083>