

ARG59963 anti-OSGEP antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes OSGEP
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OSGEP
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-335 of Human OSGEP (NP_060277.1).
Conjugation	Un-conjugated
Alternate Names	EC 2.3.1.234; PRSMG1; OSGEP1; hOSGEP; tRNA threonylcarbamoyladenosine biosynthesis protein OSGEP; Probable tRNA N6-adenosine threonylcarbamoyltransferase; N6-L-threonylcarbamoyladenine synthase; t; 6; KAE1; O-sialoglycoprotein endopeptidase; GCPL1

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
Application	Dilution				
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, Mouse ovary and HL60				
Observed Size	36 kDa				

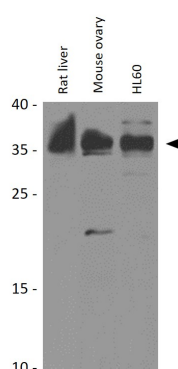
Properties

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	OSGEP
Gene Full Name	O-sialoglycoprotein endopeptidase
Function	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. [UniProt]
Calculated Mw	36 kDa
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



ARG59963 anti-OSGEP antibody WB image

Western blot: 25 µg of Rat liver, Mouse ovary and HL60 cell lysates stained with ARG59963 anti-OSGEP antibody at 1:1000 dilution.