

Rabbit anti-Human OSGEP Polyclonal Antibody | anti-OSGEP antibody

OSGEP Antibody

CATALOG # AAA231346	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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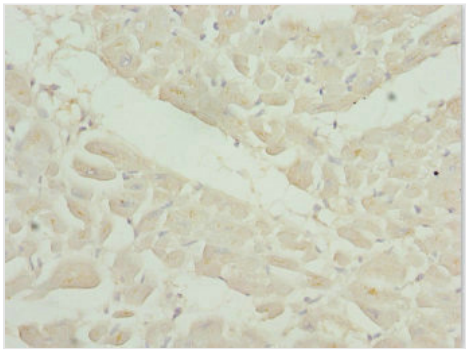
PRODUCT SYNONYMS

OSGEP; Polyclonal Antibody; OSGEP Antibody; Probable tRNA N6-adenosine threonylcarbamoyltransferase; N6-L-threonylcarbamoyladenine synthase; t(6)A synthase; O-sialoglycoprotein endopeptidase; anti-OSGEP antibody

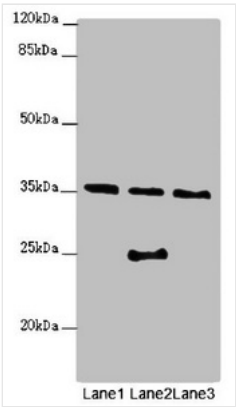
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	335
Applicable Applications for anti-OSGEP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Probable tRNA N6-adenosine threonylcarbamoyltransferase protein (1-335AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160632 / sc-160634 / sc-160633 / sc-366074
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 heart tissue using AAA231346 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: OSGEP antibody at 2.04ug/mL
Lane 1 : Jurkat whole cell lysate
Lane 2 : Raji whole cell lysate
Lane 3 : PC-3 whole cell lysate
SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 36 kDa
Observed band size: 36,25 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-OSGEP antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923380
NCBI GeneID	55644
NCBI Accession #	NP_060277.1
NCBI GenBank Nucleotide #	NM_017807.3
UniProt Accession #	Q9NPF4; Q6IAC3
Molecular Weight	36,427 Da
NCBI Official Full Name	probable tRNA N6-adenosine threonylcarbamoyltransferase
NCBI Official Synonym Full Names	O-sialoglycoprotein endopeptidase
NCBI Official Symbol	OSGEP
NCBI Official Synonym Symbols	KAE1; GCPL1; OSGEP1; PRSMG1
NCBI Protein Information	probable tRNA N6-adenosine threonylcarbamoyltransferase
UniProt Protein Name	Probable tRNA N6-adenosine threonylcarbamoyltransferase
UniProt Gene Name	OSGEP
UniProt Synonym Gene Names	t(6)A synthase; hOSGEP
UniProt Entry Name	OSGEP_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.