

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

POMK Antibody

CATALOG # AAA230019	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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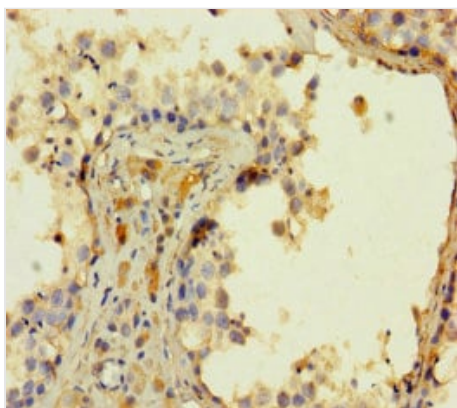
PRODUCT SYNONYMS

POMK; Polyclonal Antibody; POMK Antibody; Protein O-mannose kinase; Protein kinase-like protein SgK196; Sugen kinase 196; SGK196; anti-POMK antibody

PRODUCT SPECIFICATIONS

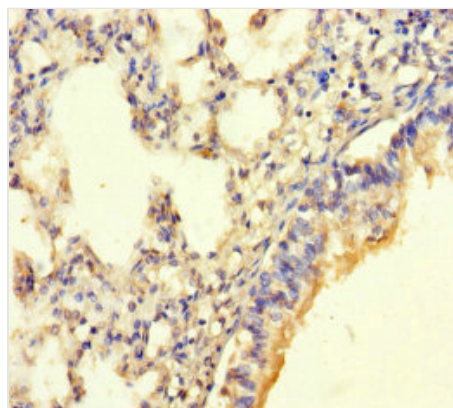
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	350
Applicable Applications for anti-POMK antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Protein O-mannose kinase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-87126 / sc-87127
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230019 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA230019 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-POMK antibody	Protein O-mannose kinase that specifically mediates phosphorylation at the 6-position of an O-mannose of the trisaccharide (N-acetylgalactosamine (GalNAc)-beta-1,3-N-acetylglucosamine (GlcNAc)-beta-1,4-mannose) to generate phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-1,3-N-acetylglucosamine-beta-1,4-(phosphate-6-)mannose). Phosphorylated O-mannosyl trisaccharide is a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. Only shows kinase activity when the GalNAc-beta-3-GlcNAc-beta-terminus is linked to the 4-position of O-mannose, suggesting that this disaccharide serves as the substrate recognition motif.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	485836935
NCBI GeneID	84197
NCBI Accession #	NP_001264900.1
NCBI GenBank Nucleotide #	NM_001277971.1
UniProt Accession #	Q9H5K3
Molecular Weight	40,050 Da
NCBI Official Full Name	protein O-mannose kinase
NCBI Official Synonym Full Names	protein-O-mannose kinase
NCBI Official Symbol	POMK
NCBI Official Synonym Symbols	SGK196; MDDGA12; MDDGC12
NCBI Protein Information	protein O-mannose kinase
UniProt Protein Name	Protein O-mannose kinase
UniProt Gene Name	POMK
UniProt Synonym Gene Names	SGK196; POMK
UniProt Entry Name	SG196_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/pomk-antibody-immunohistochemistry-elisa/230019>