

Rabbit anti-Human Regulator complex protein LAMTOR3 Polyclonal Antibody | anti-LAMTOR3 antibody

Rabbit anti-human Regulator complex protein LAMTOR3 polyclonal Antibody(LAMTOR3)

CATALOG # AAA119323	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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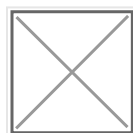
PRODUCT SYNONYMS

Regulator complex protein LAMTOR3; Polyclonal Antibody; Rabbit anti-human Regulator complex protein LAMTOR3 polyclonal Antibody(LAMTOR3); Late endosomal/lysosomal adaptor and MAPK and MTOR activator 3; MEK-binding partner 1; Mp1; Mitogen-activated protein kinase kinase 1-interacting protein 1; Mitogen-activated protein kinase scaffold protein 1; LAMTOR3; MAP2K1IP1; MAPKSP1; anti-LAMTOR3 antibody

PRODUCT SPECIFICATIONS

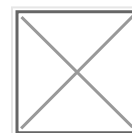
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	117
Applicable Applications for anti-LAMTOR3 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Regulator complex protein LAMTOR3 protein (1-124aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8626 / sc-9136
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 lung using AAA119323 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA119323 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-LAMTOR3 antibody

As part of the Regulator complex it is involved in amino acid sensing and activation of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acids. Activated by amino acids through a mechanism involving the lysosomal V-ATPase, the Regulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. Activated Regulator and Rag GTPases function as a scaffold recruiting mTORC1 to lysosomes where it is in turn activated. Adapter protein that enhances the efficiency of the MAP kinase cascade facilitating the activation of MAPK2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	344179106
NCBI GeneID	8649
NCBI Accession #	NP_001230665.1
NCBI GenBank Nucleotide #	NM_001243736.1
UniProt Accession #	Q9UHA4; Q9H364; B2R4A1; J3KMX4
Molecular Weight	12,941 Da
NCBI Official Full Name	ragulator complex protein LAMTOR3 isoform 2
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3
NCBI Official Symbol	LAMTOR3
NCBI Official Synonym Symbols	MP1; MAPBP; MAPKSP1; PRO0633; MAP2K1IP1; Ragulator3
NCBI Protein Information	ragulator complex protein LAMTOR3
UniProt Protein Name	Ragulator complex protein LAMTOR3
UniProt Gene Name	LAMTOR3
UniProt Synonym Gene Names	MAP2K1IP1; MAPKSP1; Mp1
UniProt Entry Name	LTOR3_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://stage.aaabiotech.com/polyclonal/ragulator-complex-protein-lamtor3-antibody-immunohistochemistry-elisa/119323>