

Rabbit anti-Human LAMTOR5 Polyclonal Antibody | anti-LAMTOR5 antibody

LAMTOR5 Antibody

CATALOG # AAA231672	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

LAMTOR5; Polyclonal Antibody; LAMTOR5 Antibody; Ragulator complex protein LAMTOR5; Hepatitis B virus X-interacting protein; HBV X-interacting protein; HBX-interacting protein; Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5; HBXIP; XIP; anti-LAMTOR5 antibody

PRODUCT SPECIFICATIONS

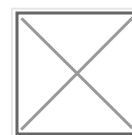
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	173
Applicable Applications for anti-LAMTOR5 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Ragulator complex protein LAMTOR5 protein (1-173AA)
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-54080 / sc-54083
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 breast cancer using AAA231672 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA231672 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-LAMTOR5 antibody	As part of the Ragulator 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 Ragulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. Activated Ragulator and Rag GTPases function as a scaffold recruiting mTORC1 to lysosomes where it is in turn activated. When complexed to BIRC5, interferes with apoptosome assembly, preventing recruitment of pro-caspase-9 to oligomerized APAF1, thereby selectively suppressing apoptosis initiated via the mitochondrial/cytochrome c pathway. Down-regulates hepatitis B virus (HBV) replication.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38788353
NCBI GeneID	10542
NCBI Accession #	NP_006393.2
NCBI GenBank Nucleotide #	NM_006402.2
UniProt Accession #	O43504; Q6IBD8
Molecular Weight	9,614 Da
NCBI Official Full Name	ragulator complex protein LAMTOR5
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
NCBI Official Symbol	LAMTOR5
NCBI Official Synonym Symbols	XIP; HBXIP
NCBI Protein Information	ragulator complex protein LAMTOR5
UniProt Protein Name	Ragulator complex protein LAMTOR5
UniProt Gene Name	LAMTOR5
UniProt Synonym Gene Names	HBXIP; XIP; HBV X-interacting protein; HBX-interacting protein
UniProt Entry Name	LTOR5_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/lamtor5-antibody-immunohistochemistry-elisa/231672>