LAMTOR5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LAMTOR5, Polyclonal Antibody
Full Product Name	LAMTOR5 Conjugated Antibody
Product Gene Name	anti-LAMTOR5 antibody
Product Synonym Names	XIP; HBXIP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total LAMTOR5 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	9,614 Da
OMIM	608521
3D Structure	ModBase 3D Structure for O43504
Immunogen	Full length fusion protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-LAMTOR5 antibody	Most Applications
Application Notes for anti-LAMTOR5 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-LAMTOR5 antibody	This gene encodes a protein that specifically complexes with the C-terminus of hepatitis B virus X protein (HBx). The function of this protein is to negatively regulate HBx activity and thus to alter the replication life cycle of the virus.
Other Notes	Small volumes of anti-LAMTOR5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LAMTOR5 purchase	MBS9451783 is an antibody targeting LAMTOR5. Also known as LAMTOR5 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAMTOR5. It may not necessarily be applicable to this product.

NCBI GI #	38512187
NCBI GeneID	10542
NCBI Accession #	BC062619
UniProt Primary Accession #	O43504
UniProt Secondary Accession #	Q6IBD8
UniProt Related Accession #	O43504
NCBI Official Full Name	Homo sapiens hepatitis B virus x interacting protein, mRNA
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
NCBI Official Symbol	LAMTOR5
NCBI Official Synonym Symbols	XIP; HBXIP
UniProt Protein Name	Ragulator complex protein LAMTOR5
UniProt Synonym Protein Names	Hepatitis B virus X-interacting protein; HBV X-interacting protein; HBX-interacting protein; Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5
Protein Family	Ragulator complex protein
UniProt Gene Name	LAMTOR5
UniProt Synonym Gene Names	HBXIP; XIP; HBV X-interacting protein
UniProt Entry Name	LTOR5_HUMAN
NCBI Protein Information	ragulator complex protein LAMTOR5
Research Articles on LAMTOR5	**1.** oncoprotein HBXIP enhances glucose metabolism reprogramming through suppressing SCO2 and PDHA1 in breast cancer
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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