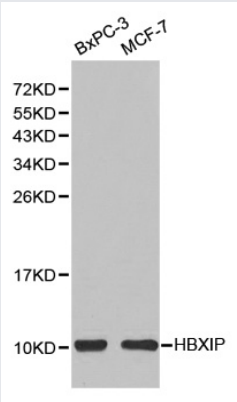
HBXIP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HBXIP, Polyclonal Antibody
Full Product Name	HBXIP Polyclonal Antibody
Product Gene Name	anti-HBXIP antibody
Product Synonym Names	LAMTOR5; HBXIP; XIP; Ragulator complex protein LAMTOR5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	10kDa
OMIM	AF029890 mRNA
3D Structure	ModBase 3D Structure for O43504
Immunogen	A synthetic peptide of human HBXIP
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HBXIP antibody	Western Blot (WB)
Application Notes for anti-HBXIP antibody	WB: 1:500 - 1:2000
Related Product Information for anti-HBXIP antibody	MBS2540890 is an antibody targeting HBXIP. Also known as HBXIP Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-HBXIP 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.



Western Blot (WB) of anti-HBXIP antibody
Western blot analysis of extracts of various cell lines, using HBXIP antibody.

ADDITIONAL DETAILS

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

NCBI GI #	49457256
NCBI GeneID	10542
UniProt Primary Accession #	O43504
UniProt Secondary Accession #	Q6IBD8
UniProt Related Accession #	O43504
NCBI Official Full Name	HBXIP, partial
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
UniProt Gene Name	LAMTOR5
UniProt Synonym Gene Names	HBXIP; XIP; HBV X-interacting protein; HBX-interacting protein
UniProt Entry Name	LTOR5_HUMAN
NCBI Protein Information	ragulator complex protein LAMTOR5
NCBI Summary for HBXIP	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. [provided by RefSeq, Jul 2008]

UniProt Comments for HBXIP	HBXIP: 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. Belongs to the HBXIP family. Protein type: Apoptosis; DNA replication Chromosomal Location of Human Ortholog: 1p13.3 Cellular Component: cytosol; lysosomal membrane; lysosome Molecular Function: guanyl-nucleotide exchange factor activity; protein binding; protein complex scaffold Biological Process: cell cycle arrest; macroautophagy; negative regulation of apoptosis; negative regulation of caspase activity; positive regulation of TOR signaling pathway; regulation of cell size; response to virus
Research Articles on HBXIP	**1.** Upon HBV infection, cellular mechanisms involving SETDB1-mediated H3K9me3 and HP1 induce silencing of HBV cccDNA transcription through modulation of chromatin structure.
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