Datasheet for ABIN7167073

anti-HBXIP antibody (AA 1-91)

2 Images

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Overview

Quantity:	100 µL
Target:	HBXIP
Binding Specificity:	AA 1-91
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBXIP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ragulator complex protein LAMTOR5 protein (1-91AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HBXIP
Alternative Name:	LAMTOR5 (HBXIP Products)
Target Type:	Viral Protein
Background:	Background: As part of the Ragulator complex it is involved in amino acid sensing and

Target Details

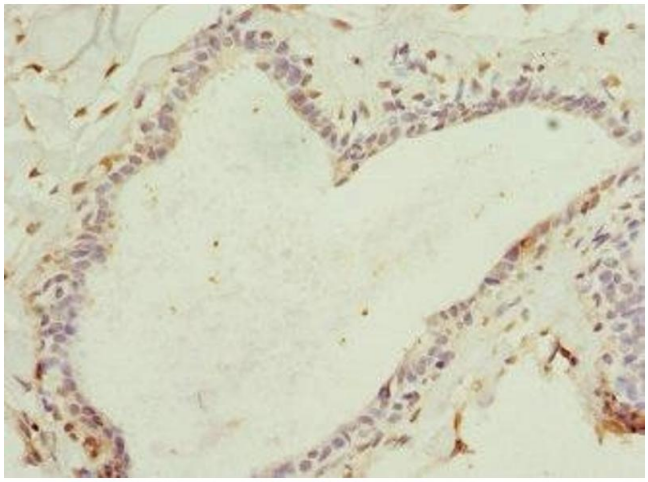
	activation of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acids. Activated by amino acids through a mechanism involving the lysosomal V-ATPase, the Ragulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. 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. Aliases: HBV X interacting protein antibody, HBV X-interacting protein antibody, HBX interacting protein antibody, HBX-interacting protein antibody, hbxip antibody, HBXIP_HUMAN antibody, Hepatitis B virus X interacting protein antibody, Hepatitis B virus X-interacting protein antibody, LAMTOR5 antibody, Late endosomal/lysosomal adaptor MAPK and MTOR activator 5 antibody, MGC71071 antibody, Ragulator complex protein LAMTOR5 antibody, XIP antibody
UniProt:	O43504
Pathways:	PI3K-Akt Signaling, Regulation of Cell Size

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

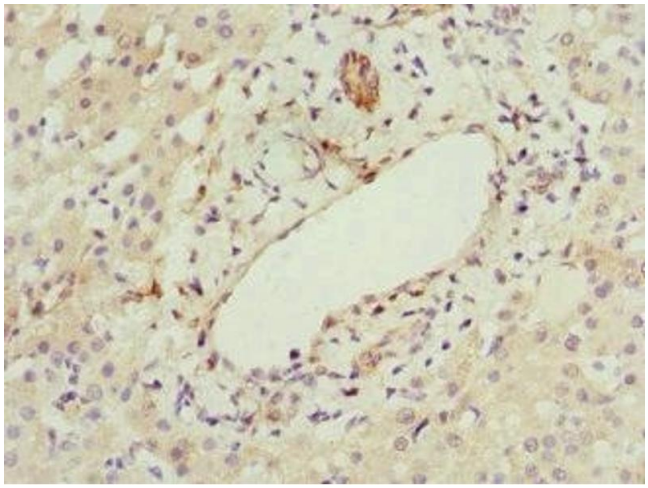
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7167073 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7167073 at dilution of 1:100

