



## Rabbit Anti-HBXIP antibody

SL6869R

<b>Product Name:</b>	HBXIP
<b>Chinese Name:</b>	乙型肝炎病毒X蛋白相互作用蛋白
<b>Alias:</b>	HBV X interacting protein; HBX interacting protein; Hepatitis B virus X interacting protein; MGC71071; XIP; HBXIP HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	9.6kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human HBXIP:41-91/91
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	HBXIP (Hepatitis B virus X interacting protein) complexes with the C-terminus of hepatitis B virus X protein (HBx) and down-regulates hepatitis B virus (HBV) replication. When complexed to BIRC5, it interferes with apoptosome assembly, preventing recruitment of pro-caspase-9 to oligomerized APAF1, thereby selectively suppressing apoptosis initiated via the mitochondrial/cytochrome c pathway.

**Function:**

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.

**Subunit:**

Homodimer (Probable). Interacts with phosphorylated BIRC5; the resulting complex binds pro-caspase-9, as well as active caspase-9, but much less efficiently. Interacts with SUPV3L1. Interacts with hepatitis B virus (HBV) oncoprotein HBX C-terminus.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Highly expressed in skeletal and cardiac muscle, followed by pancreas, kidney, liver, brain, placenta and lung. Elevated levels in both cancerous and non-cancerous liver tissue of patients with chronic HBV infection compared with hepatic tissue without HBV infection.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Similarity:**

Belongs to the HBXIP family.

**SWISS:**

O43504

**Gene ID:**

10542

**Database links:**

[Entrez Gene: 10542](#)Human

[Entrez Gene: 68576](#)Mouse

[Entrez Gene: 295357](#)Rat

[Omim: 608521](#)Human

[SwissProt: O43504](#)Human

[SwissProt: Q9D1L9](#)Mouse

[Unigene: 439815](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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