



Rabbit Anti-HIVEP1 antibody

SL17459R

Product Name:	HIVEP1
Chinese Name:	艾滋病病毒EP1抗体
Alias:	Cirhin interaction protein; CIRIP; CRYBP1; GAAP; Gate keeper of apoptosis-activating protein; HIV EP1; HIV-EP1; HIVEP 1; Hivep1; Human immunodeficiency virus type I enhancer binding protein 1; Human immunodeficiency virus type I enhancer-binding protein 1; Major histocompatibility complex binding protein 1; Major histocompatibility complex-binding protein 1; MBP 1; MBP-1; Positive regulatory domain II binding factor 1; Positive regulatory domain II-binding factor 1; PRDII BF1; PRDII-BF1; Schnurri 1; ZAS1; ZEP1_HUMAN; Zinc finger protein 40; ZNF40; ZNF40A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	297kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HIVEP1:2001-2100/2718
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed

Product Detail:

This protein specifically binds to the DNA sequence 5'-GGGACTTTCC-3' which is found in the enhancer elements of numerous viral promoters such as those of SV40, CMV, or HIV-1. In addition, related sequences are found in the enhancer elements of a number of cellular promoters, including those of the class I MHC, interleukin-2 receptor, and interferon-beta genes. It may act in T-cell activation. Involved in activating HIV-1 gene expression. Isoform 2 and isoform 3 also bind to the IPCS (IRF1 and p53 common sequence) DNA sequence in the promoter region of interferon regulatory factor 1 and p53 genes and are involved in transcription regulation of these genes. Isoform 2 does not activate HIV-1 gene expression. Isoform 2 and isoform 3 may be involved in apoptosis.

Subcellular Location:

Cytoplasm. Nucleus and Nucleus.

Similarity:

Contains 5 C2H2-type zinc fingers.

SWISS:

P15822

Gene ID:

3096

Database links:

[Entrez Gene: 3096](#) Human

[Omin: 194540](#) Human

[SwissProt: P15822](#) Human

[Unigene: 567284](#) Human

Important Note:

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