Datasheet for ABIN966334

anti-HSV ICP4 antibody (N-Term)

1 Publication

Go to Product page

Overview

Quantity:	0.1 mg
Target:	HSV ICP4
Binding Specificity:	N-Term
Reactivity:	Herpes Simplex Virus (HSV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSV ICP4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of Human herpesvirus 2 ICP4 (Trans-acting transcriptional protein ICP4)

Target Details

Target:	HSV ICP4
Abstract:	HSV ICP4 Products
Target Type:	Viral Protein
Background:	ICP4 (Trans-acting transcriptional protein ICP4) is a transcriptional transactivator that binds with high affinity to the sequence 5'-ATCGTC-3'. ICP4 may interact with and recruit specific components of the general transcription machinery to viral promoters and stabilize their formation for transcription initiation. ICP4 negatively regulates its own transcription. This

Target Details

	immediate early (EI) protein may be necessary in virion for viral pathogenesis. ICP4 is a homodimer and interacts with transcriptional regulator ICP27, this interaction is required for proper incorporation of ICP4 into virions. The long stretch of Ser is a major site of phosphorylation. Only the phosphorylated forms are capable of interacting with beta or gamma genes. ICP4 belongs to the herpesviridae ICP4/IE140/IE180 family. Synonyms: IE175 (Infected cell protein 4, Transcriptional activator IE175, Alpha-4 protein)

Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Dolan, Jamieson, Cunningham, Barnett, McGeoch: "The genome sequence of herpes simplex virus type 2." in: **Journal of virology**, Vol. 72, Issue 3, pp. 2010-21, (1998) (PubMed).