



# Rabbit Anti-HSV1 polyclonal antibody (DPATB-H82787)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH conjugated synthetic peptide derived from Herpes simplex virus 1 Neurovirulence factor ICP34.5
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Virus
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µl
<b>Buffer</b>	Aqueous buffered solution containing 1% BSA, 50% glycerol
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-20°C. Avoid Freeze/Thaw Cycles

## BACKGROUND

<b>Introduction</b>	Contributes to HSV resistance to the antiviral effects of alpha/beta interferon. Recruits the
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serine/threonine-protein phosphatase PPP1CA/PP1-alpha to dephosphorylate the translation initiation factor eIF-2A, thereby counteracting the host shutoff of protein synthesis involving double-stranded RNA-dependent protein kinase EIF2AK2/PKR. Also down-modulates the host MHC class II proteins cell surface expression. Acts as a neurovirulence factor that has a profound effect on the growth of the virus in central nervous system tissue, probably through its ability to maintain an environment favorable for viral replication.

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**Keywords**

Herpes simplex virus 1;Herpes Simplex Virus;Herpes Simplex Virus Type 1;HSV 1;Human herpesvirus 1;Human herpesvirus type 1;ICP34\_HHV1F;Infected cell protein 34.5;Neurovirulence factor ICP34.5;protein gamma(1)34.5;RL1

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