L1 Polyclonal Antibody

Catalog No: #42503

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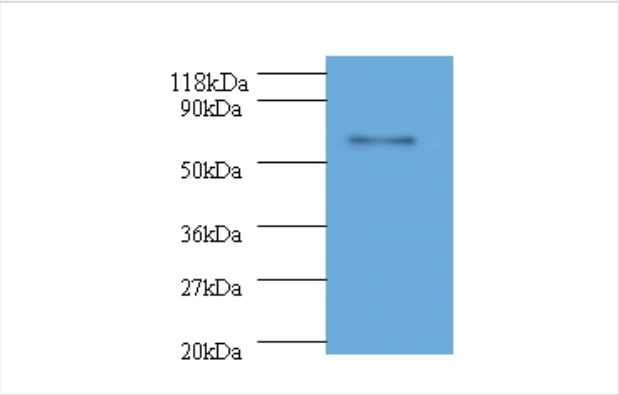
Description

Product Name	L1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	virus
Specificity	The antibody detects endogenous level of total L1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant HPV18 Major capsid protein L1 protein
Target Name	L1
Other Names	L1
Accession No.	Swiss-Prot#: P06794
Uniprot	P06794
GeneID	1489090;
Calculated MW	62kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : Major capsid protein L1 antibody at 2ug/ml+293T whole cell lysateSecondary
Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size : 62KDa
Observed band size:62KDa

Background

Forms an icosahedral capsid with a T=7 symmetry and a 50 nm diameter. The capsid is composed of 72 pentamers linked to each other by disulfide bonds and associated with L2 proteins. Binds to heparan sulfate proteoglycans on the basement membrane to provide initial virion attachment to target cells. Basement membrane is exposed only after epithelium trauma. Additionally, the alpha6 integrin complexed with either beta1 or beta4 integrin has been proposed to act as a coreceptor recognized by L1. Once attached, integrin complexed with beta4 integrin has been proposed to act

as a coreceptor recognized by L1. Once attached, the virion enters the host cell via clathrin-mediated endocytosis and the genomic DNA is released to the host nucleus. The virion assembly takes place within the cell nucleus. Encapsulates the genomic DNA together with protein L2.

References

[1] "Human papillomavirus type 16 DNA sequence."Seedorf K., Krammer G., Durst M., Suhai S., Rowekamp W.G.Virology 145:181-185(1985) [2] "Nucleotide sequences and further characterization of human papillomavirus DNA present in the CaSki, Si

Note: This product is for in vitro research use only