

Rabbit HPV Polyclonal Antibody | anti-HPV antibody

Rabbit anti HPV (IN) (Human Papillomavirus), E7 protein Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14076	Rabbit	HPV	ELISA, Immunohistochemistry, Western Blot

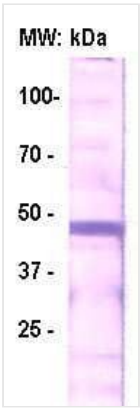
PRODUCT SYNONYMS

HPV; Polyclonal Antibody; Rabbit anti HPV (IN) (Human Papillomavirus); E7 protein Polyclonal Antibody; Protein E7; Human papillomavirus type 16; HPV16; anti-HPV antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	HPV
Clonality	Polyclonal
Specificity	This antibody recognizes ~40 kDa of HPV16/E7-GST recombinant protein. The other species are not tested.
Purity/Purification	Purified by Epitope Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-HPV antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Suggested Working Dilutions - ELISA: 0.01-0.1 ug/ml Immunohistochemistry: 2-10 ug/ml Western Blot: 0.1-1 ug/ml Optimal dilutions should be determined by researchers for the specific applications.
Preparation	A synthetic peptide VQSTHVDIRTLEDLLMGTLGVC SQKP corresponding to the internal sequence of human papillomavirus type 16.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C - 8°C for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

WB: The recombinant protein E7-GST was separated in 10% SDS-PAGE, transferred onto Nitrocellulose membrane, and immunoblotted by Rabbit anti-HPV16/E7 (IN) (Cat#AAA14076) at 1:500. An immune-reactive band is observed at molecular weight ~50 kDa corresponding to the fusion protein size.

ADDITIONAL INFORMATION

Related Product Information for anti-HPV antibody

The strain of Human papilloma virus 16 (HPV16 or E7 protein) is directly linked to cervical cancer and can be identified with a colposcopy and biopsy. Human papilloma virus is one of the most common causes of sexually transmitted infection in the world. E7 protein has transforming and trans-activating activities that are known to disrupt the function of host retinoblastoma protein (Rb1). E6 is a transcriptional trans-activator with transforming activities targeting p53 tumor suppressor. HPV16, in comparison to HPV types 6 and 11, is more often associated with malignant genital cancers in humans. This antibody was raised in rabbit against protein E7 of human papillomavirus type 16 (HPV16) which is mainly used for research on sexually-transmitted diseases and gynecology tumor.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8223418
Molecular Weight	43.0

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hpv-antibody-immunohistochemistry-western-blot-elisa/14076>