

Polyclonal Antibody to HPV11 E6 Protein (N-term) - Aff - Purified

Alternate names:	Human Papilloma Virus type 11 Early Protein E6
Catalog No.:	AP33100PU-N
Quantity:	0.6 mg
Concentration:	3.0 mg/ml
Background:	E6 is one primary oncoprotein of high risk HPV types expressed early in the HPV life cycle. After the host cell is infected viral early promoter is activated and a polycistronic primary RNA containing all six early ORFs is transcribed. This polycistronic RNA then undergoes active RNA splicing to generate multiple isoforms of mRNAs. One of the spliced isoform RNAs, E6, serves as an E7 mRNA to translate E7 protein. HPV genome integrate into host genome by disruption of E2 ORF, preventing E2 repression on E6 and E7. Thus, viral genome integration into host DNA genome increases E6 expression. The E6 protein inactivates the tumour suppressor protein, p53 and promote cellular proliferation and the chance of malignancy.
Uniprot ID:	P04019
NCBI:	10580
Host / Isotype:	Goat / IgG
Immunogen:	Purified recombinant peptide derived from within residues 65 aa to N-terminal of HPV11 E6 produced in <i>E. coli</i> .
Format:	State: Liquid purified IgG fraction Purification: Epitope Affinity Chromatography Buffer System: PBS Preservatives: 0.05% Sodium Azide Stabilizers: 20% Glycerol
Applications:	Western blot: 1/500-1/2,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts against Human papilloma viruses type 11 (HPV11). Detects HPV11 E6 recombinant fusion proteins MBP-E6 and GFP-E6 expressed in transfected mammalian cells.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western Blot analysis using HPV11 E6 Protein Antibody Cat.-No AP33100PU-N at 1/1000 dilution, MBP-E6 N-term recombinant protein and HEK293 transfected cells, Lysates at 100 µg/Lane. Rabbit anti Goat IgG -HRP at 1/10,000 dilution.

