
HPV16-E6 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251401

Unit: 0.1 mg

Description:

Human papillomavirus (HPV) is a member of the papillomavirus family of viruses that is capable of infecting humans. While the majority of the nearly 200 known types of HPV cause no symptoms in most people, some types can cause warts (verrucae), while others can ? in a minority of cases ? lead to cancers of the cervix, vulva, vagina, and anus in women or cancers of the anus and penis in men. It can also cause cancers of the head and neck (tongue, tonsils and throat). HPV16, in comparison to HPV types 6 and 11, is more often associated with malignant genital cancers in humans. Protein E6 plays a major role in the induction and maintenance of cellular transformation. E6 associates with host E6-AP ubiquitin-protein ligase, and inactivates tumor suppressors TP53 and TP73 by targeting them to the 26S proteasome for degradation. The E6/E6P complex also increases expression of hTERT, which prevents the shortening of telomere length leading to cell immortalization.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, Vs

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: HPV; Human papilloma virus; Human papillomavirus; HPV16; HPV E6; Protein E6

Accession No.: P03126

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of the HPV E6 protein.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.