

AP26432SU-N**Polyclonal Antibody to HIV-1 - Serum****Alternate names:**

HIV-I, HIV1, Human immunodeficiency virus type 1

Quantity:

1 ml

Background:

There are two major types of human immunodeficiency virus: HIV-1 and HIV-2. HIV-1 is originated from primate, and is more common and more virulent. HIV-1 is further divided into groups. 90% of HIV infection is caused by HIV-1 group M virus. There are 39 open reading frames on the HIV-1 genome, encoding a variety of structural and structural HIV proteins.

Host:

Goat

Immunogen:

Viral lysate of highly purified human immunodeficiency virus 1

Format:**State:** Liquid neat serum**Applications:****Western blot:** P17, P24, P45, P53, P55, P64, P120 and gp160 showed position bands. Among them, P17, P24, and P64 showed strong positive bands.**ELISA:** 1:100,000 diluted can detect HIV-1 lysate coated on ELISA plate.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes p17, p24, p45, p53, p55, p64, p120 and gp160 on Western blot. P17, p24 and p64 showed strong positive bands.

Storage:

Upon receipt, store undiluted (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.