

Rabbit HIV-1 Integrase Polyclonal Antibody

HIV-1 Integrase Antibody (Rabbit, Polyclonal)

CATALOG # AAA60706	HOST Rabbit	APPLICATIONS Western Blot
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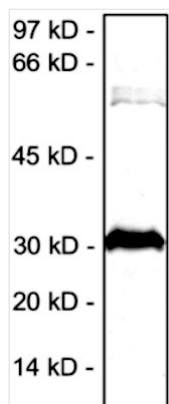
PRODUCT SYNONYMS

HIV-1 Integrase; Polyclonal Antibody; HIV-1 Integrase Antibody (Rabbit; Polyclonal); anti-HIV-1 Integrase antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	HIV-1 integrase Antibody reacts specifically with HIV integrase by Western Blotting
Purity/Purification	> 90% pure by SDS-PAGE
Form/Format	HIV Integrase Antibody is provided in a non-sterile solution. The product may be rendered sterile by 0.22 micron filtration
Concentration	1 mg/mL after reconstitution. (varies by lot)
Applicable Applications for anti-HIV-1 Integrase antibody	WB (Western Blot)
Source	HIV-1 Integrase Antibody is an affinity purified rabbit polyclonal antibody raised against purified HIV-1 integrase protein.
Reconstitution	Reconstitute lyophilized HIV-1 Integrase Antibody in 100 uL deionized H ₂ O.
Preparation and Storage	Store lyophilized sample at -20 degree C prior to reconstitution. Once the antibody has been reconstituted, store at 4 degree C. DO NOT FREEZE.

IMAGES



WB (Western Blot)

Western blot detection of purified human immunodeficiency virus integrase (HIV-1 Integrase).
Primary antibody (1:10,000 dilution) and AP-conjugated anti-rabbit IgG secondary antibody.
(Invitrogen; 1:10,000 dilution).

ADDITIONAL INFORMATION

Related Product Information for anti-HIV-1 Integrase antibody	Human immunodeficiency virus type 1 (HIV-1), like all retroviruses, depends upon the integration of a DNA copy of its viral genome into host cell chromosomes as part of its infection cycle. This integration process is catalyzed by HIV-1 integrase, and the integration of HIV-1 DNA into the host chromosome is achieved by the integrase protein performing a series of DNA cleaving and ligation reactions. HIV integrase is a multidomain, 31 kDa enzyme produced from the C-terminal portion of the HIV Pol gene product. The enzyme consists of three domains: an N-terminal HH-CC zinc finger domain believed to be partially responsible for multimerization, a central catalytic domain and a C-terminal DNA binding domain. Integrase is responsible for the integration of proviral DNA into the host genome, which is essential for HIV replication. Therefore, integrase remains an important antiviral target for new anti-HIV therapeutics.
Product Categories/Family for anti-HIV-1 Integrase antibody	HIV RESEARCH PRODUCTS; HIV-1 Integrase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hiv-1-integrase-antibody-western-blot-elisa/60706>