



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 HXB2 IN 1-16 aa Polyclonal

Catalog Number: 756

Lot Number: 00100

Provided: 500 µl undiluted rabbit antiserum.

Titer: 1:20 (WB)

Special Characteristics: Antibodies were raised against HXB2 synthetic peptides. The antisera can be used to detect integrase in immunoprecipitation (IPT) and Western blot (WB) assays.

Cat# 756 - aa 1-16: FLDGIDKAQDEHEKYH
Cat# 757 - aa 23-34: ASDFNLPPVAK
Cat# 758 - aa 276-288: AGDDCVASRQDED

Recommended Storage: Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Duane P. Grandgenett.

References: Grandgenett DP, Goodarzi G. Folding of the multidomain human immunodeficiency virus type-I integrase. *Prot Sci* **3**:888-897, 1994.

Bukrinsky MI, Sharova N, McDonald TL, Pushkarskaya T, Tarpley WG, Stevenson M. Association of integrase, matrix, and reverse transcriptase antigens of human immunodeficiency virus type 1 with viral nucleic acids following acute infection. *Proc Natl Acad Sci USA* **90**:6125-6129, 1993.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 HXB2 IN 1-16 aa Polyclonal from Dr. Duane P. Grandgenett." Also include the first reference listed above in any publications.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.