gp120 Antibody

Subcategory: Goat Polyclonal Antibody
Cat. No.: 253935
Unit: 0.1 mg

Description:
Human immunodeficiency virus type 1 (HIV-1) entry into target cells is directed by the envelope (Env) glycoproteins, which are present on the surface of HIV-1 virion or infected cells in the form of trimers consisting of gp120/gp41 complexes. The surface subunit, gp120, initiates the entry process by interacting sequentially with the CD4 receptor and a co-receptor CCR5 or CXCR4, thereby inducing a conformational change that allows the transmembrane (TM) gp41 subunit to mediate fusion between viral and target cell membranes. Cleavage of Env into its gp120 and gp41 components is necessary for activation of its fusogenic activity.

Isotype: Goat Ig
Applications: E, WB
Species Reactivity: Vs
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: gp120 ; HIV-1 glycoprotein 120
Accession No.: AAB05604

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of HIV-1 gp120.
Application Notes: E: 1:500-1:1,000; WB: 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.