

Rabbit anti-Virus gp120 Polyclonal Antibody | anti-gp120 antibody

gp120 Antibody

CATALOG # AAA306573	HOST Rabbit	REACTIVITY Virus	APPLICATIONS Western Blot, ELISA
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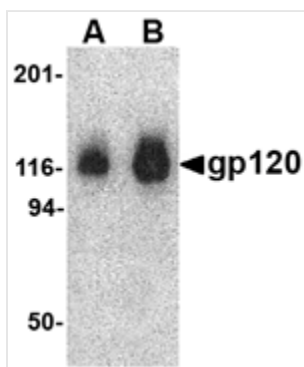
PRODUCT SYNONYMS

gp120; Polyclonal Antibody; gp120 Antibody; HIV-1 glycoprotein 120; anti-gp120 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Virus
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	864
Applicable Applications for anti-gp120 antibody	WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against 16 amino acid peptide representing the major HIV-1 consensus sequence near the N-terminal region of V1/V2 loop.
Target Name	gp120
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


WB (Western Blot)

Western blot analysis of 1 ug of gp120 with gp120 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-gp120 antibody	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.
Product Categories/Family for anti-gp120 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	49617711
NCBI Official Full Name	envelope glycoprotein, partial
UniProt Protein Name	Envelope glycoprotein gp160
UniProt Gene Name	env
UniProt Entry Name	Q6BBS3_9HIV1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gp120-antibody-western-blot-elisa/306573>