



# Anti-HIV type 1 Glycoprotein 120 Polyclonal antibody (DPAB0252)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	gp120 (predominate gp120 band in Western blot). Antiserum does not cross-react with human T or B cells. Antiserum is not reactive with human or bovine sera.
<b>Target</b>	HIV type 1 Glycoprotein 120
<b>Immunogen</b>	Purified native gp120 from strain IIIB
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	HIV
<b>Purification</b>	Covalently coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.
<b>Conjugate</b>	Biotin
<b>Applications</b>	Suitable for use with avidin and streptavidin amplifications systems for Western blot and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Concentration</b>	4–5mg/ml (OD280nm, E0.1%=1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

# BACKGROUND

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<b>Introduction</b>	HIV-1 is the most common and pathogenic strain of the virus. Scientists divide HIV-1 into a Group M (major) and two or more minor groups.
<b>Keywords</b>	HIV-1 gp120; HIV1 gp120; Envelope surface glycoprotein gp120; Glycoprotein 120; gp120; gp120 glycoprotein; Human Immunodeficiency Virus 1; SU; Surface protein; Retroviridae; Lentivirus

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