

Datasheet for ABIN1077455
anti-HIV-1 p24 antibody



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1 Image

Overview

Quantity:	0.1 mg
Target:	HIV-1 p24
Reactivity:	Various Species
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIV-1 p24 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Rabbit polyclonal HIV-1 p24 antibody was raised against a recombinant full-length HIV-1 p24 protein .
Isotype:	IgG
Specificity:	In HIV-1 samples, p24 antibody detects a ~24 kDa, a ~41 kDa, and a ~55 kDa protein, corresponding to HIV-1 p24 and its precursors p41 and p55, respectively.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	HIV-1 p24
Alternative Name:	HIV-1 Gag P-24 (HIV-1 p24 Products)
Target Type:	Viral Protein

Target Details

Background:	<p>The human immunodeficiency virus type 1 (HIV-1) particle consists of an envelope, a core and the region between the two termed matrix. The HIV-1 Gag protein is a late structural protein that contains four proteins: matrix (p17), capsid (p24), nucleocapsid (p7) and the p6 protein. The p24 is the major capsid protein of the virus and has been used in clinical trials as one of the components of the HIV-1 vaccine because of the high degree of sequence conservation between different strains.</p> <p>Synonyms: HIV-1 Gag p24, Gag p24, HIV1 p24</p>
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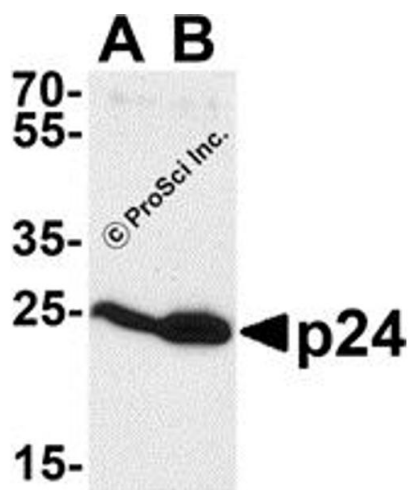
Molecular Weight:	24 kDa
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Application Details

Application Notes:	P24 antibody can be used for detection of p24 by Western blot at 0.5 - 1 µg/mL.
Comment:	HIV-1 Gag p24
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 0.02 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	4 °C/-20 °C



Western Blotting

Image 1.