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Datasheet for ABIN1397220  
**anti-HIV-1 Gag antibody (AA 351-450) (Biotin)**

### Overview

Quantity:	100 µL
Target:	HIV-1 Gag (GAG_HIV)
Binding Specificity:	AA 351-450
Reactivity:	Human Immunodeficiency Virus (HIV), Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIV-1 Gag antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from HIV1 Nucleocapsid protein p7
Isotype:	IgG
Specificity:	This antibody will recognize the full Gag protein and Nucleocapsid protein p7 after cleavage
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	HIV
Purification:	Purified by Protein A.

### Target Details

Target:	HIV-1 Gag (GAG_HIV)
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## Target Details

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Alternative Name:	HIV1 Gag Protein ( <a href="#">GAG_HIV Products</a> )
Target Type:	Viral Protein
Background:	<p>Synonyms: HIV1 Pr55Gag, Human immunodeficiency virus 1, Gag protein, Nucleocapsid protein p7,</p> <p>Background: HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. p55 is digested by HIV1 protease into intermediate products p41 and p15. p41 is further digested into matrix protein p17 and capsid protein p24. Likewise, p15 is further digested into nucleocapsid protein p7 and to p6 and p1.</p>

## Application Details

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Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months