



gag Antibody, Biotin conjugated

Product Code	CSB-PA15019D0Rb
Abbreviation	Gag polyprotein
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04591
Immunogen	Recombinant Human immunodeficiency virus type 1 group M subtype B Gag polyprotein protein (2-132AA)
Raised In	Rabbit
Species Reactivity	Human immunodeficiency virus type 1 group M subtype B
Tested Applications	ELISA
Relevance	Gag polyprotein: Mediates, with Gag-Pol polyrotein, the essential events in virion assembly, including binding the plasma membrane, making the protein-protein interactions necessary to create spherical particles, recruiting the viral Env proteins, and packaging the genomic RNA via direct interactions with the RNA packaging sequence (Psi).1 Publication Matrix protein p17: Targets the polyprotein to the plasma membrane via a multipartite membrane-binding signal, that includes its myristoylated N-terminus (By similarity). Matrix protein is part of the pre-integration complex. Implicated in the release from host cell mediated by Vpu. Binds to RNA (By similarity).
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Gag polyprotein (Pr55Gag) [Cleaved into: Matrix protein p17 (MA); Capsid protein p24 (CA); Spacer peptide 1 (SP1) (p2); Nucleocapsid protein p7 (NC); Spacer peptide 2 (SP2) (p1); p6-gag], gag
Species	Human immunodeficiency virus type 1 group M subtype B
Research Area	Others
Target Names	gag