

HIV1 p17 Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Virus
Published Species	Virus
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Purified full-size recombinant Gag p17 of HIV1 subtype B expressed in E. coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.09% sodium azide
Storage conditions	-20°C
RRID	AB_612265

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,500	1 Publication
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-
Dot blot (DB)	Assay-dependent	-

Product Specific Information

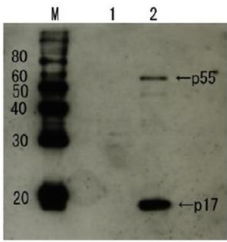
PA1-4954 detects the HIV-1 p17 protein in HIV samples.

PA1-4954 has been successfully used in Western blot and ELISA procedures. By Western blot this antibody detects a ~17 kDa protein, and a ~55 kDa protein, corresponding respectively to HIV-p17 and to its precursor p55, in HIV samples.

PA1-4954 immunogen corresponds to the recombinant protein which was over-expressed in E. coli with a plasmid carrying the Gag p17 coding region of the HIV-1 virus.

Recombinant HIV-1 Gag p17 protein (Cat. # RP-4914 or RP-4915) can be purchased for control experiments in Western blot assays.

Product Images For HIV1 p17 Polyclonal Antibody



HIV1 p17 Antibody (PA1-4954) in WB
Detection of HIV-1 p17 and its p55 precursor protein by Western blotting using an HIV1 p17 Polyclonal Antibody (Product # PA1-4951). Lane 1: Extract of MT4 cells. Lane 2: Extract of MT4 cells infected with HIV-1 (LAI strain). The antiserum was diluted 1:2,500.

1 Reference

Western Blot (1)

Nucleic acids research	
Delivering SaCas9 mRNA by lentivirus-like bionanoparticles for transient expression and efficient genome editing.	
"PA1-4954 was used in Western Blot to show SaCas9 mRNA lentivirus-like bionanoparticles are involved in highly effective genome editing and transient Cas9 expression."	
Authors: Lu B,Javidi-Parsijani P,Makani V,Mehraein-Ghomi F,Sarhan WM,Sun D,Yoo KW,Atala ZP,Lyu P,Atala A	
	Year 2019
	Species Virus
	Dilution 1:1000

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