

[Go to Product page](#)

Datasheet for ABIN7156076

anti-Vpx Protein (VPX) (AA 1-112), (subtype A) antibody (HRP)

Overview

| | |
|----------------------|------------------------------------|
| Quantity: | 100 µL |
| Target: | Vpx Protein (VPX) |
| Binding Specificity: | AA 1-112, subtype A |
| Reactivity: | Human Immunodeficiency Virus (HIV) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human immunodeficiency virus type 2 subtype A Protein Vpx protein (1-112AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human Immunodeficiency Virus (HIV) |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | Vpx Protein (VPX) |
| Alternative Name: | vpx (VPX Products) |
| Target Type: | Viral Protein |
| Background: | Background: Plays a role in nuclear translocation of the viral pre-integration complex (PIC), thus |

Target Details

is required for the virus to infect non-dividing cells. Targets specific host proteins for degradation by the 26S proteasome. Acts by associating with the cellular CUL4A-DDB1 E3 ligase complex through direct interaction with host VPRPB/DCAF-1. This change in the E3 ligase substrate specificity results in the degradation of host SAMHD1. In turn, SAMHD1 depletion allows viral replication in host myeloid cells by preventing SAMHD1-mediated hydrolysis of intracellular dNTPs necessary for reverse transcription (By similarity).
Aliases: vpxProtein Vpx antibody, Viral protein X antibody, X ORF protein antibody

UniProt: [P06939](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.