

PACO61842

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## Product Information

**Size:**

50ul

**Reactivity:**

Human immunodeficiency virus type 2 subtype A

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Plays a role in nuclear translocation of the viral pre-integration complex (PIC), thus 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.

**Gene ID:**

vpx

**Uniprot**

P06939

**Synonyms:**

Protein Vpx (Viral protein X) (X ORF protein), vpx

**Immunogen:**

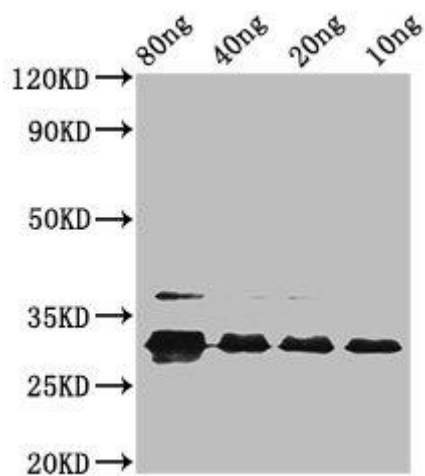
Recombinant Human immunodeficiency virus type 2 subtype A Protein Vpx protein (1-112AA).

**Storage:**

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

## Product Images

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Western Blot. Positive WB detected in Recombinant protein. All lanes: vpx at 2.6µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 32 kDa. Observed band size: 32 kDa.