

Product datasheet

# Anti-HIV1 Reverse Transcriptase antibody ab63911

3 References 1 Image

## Overview

<b>Product name</b>	Anti-HIV1 Reverse Transcriptase antibody
<b>Description</b>	Rabbit polyclonal to HIV1 Reverse Transcriptase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	Reacts with HIV1.
<b>Immunogen</b>	HIV1 Reverse Transcriptase, over-expressed as recombinant protein in E.coli
<b>Positive control</b>	Extract of MT4 cells infected with HIV1 (LAI strain).

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab63911** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

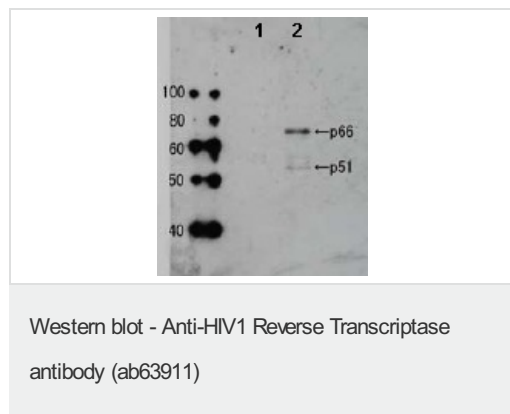
Application	Abreviews	Notes
WB		1/2500. Detects a band of approximately 51, 66 kDa.
ELISA		Use at an assay dependent dilution.

## Target

## Relevance

HIV1 Reverse Transcriptase is an RNA-dependent DNA polymerase of HIV1 (AIDS virus), subtype B origin. It is responsible for the production of a double stranded DNA copy of the single stranded RNA genome that is contained in the HIV1 virus particle and primed by the host cell lysine-tRNA which partly unfolds and anneals to the 5' end of the viral genomic RNA. This is extended by the polymerase function of RT to give a DNA-RNA hybrid. It also has RNaseH activity which degrades the RNA component of this hybrid once it has been copied.

## Images



Western blot - Anti-HIV1 Reverse Transcriptase antibody (ab63911)

**All lanes :** Anti-HIV1 Reverse Transcriptase antibody (ab63911) at 1/2500 dilution

**Lane 1 :** Extract of MT4 cells

**Lane 2 :** Extract of MT4 cells infected with HIV-1 (LAI strain)

**Observed band size:** 51,66 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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