

## Product datasheet

# Anti-HIV1 tat antibody (Biotin) ab43015

### 2 References

#### Overview

<b>Product name</b>	Anti-HIV1 tat antibody (Biotin)
<b>Description</b>	Rabbit polyclonal to HIV1 tat (Biotin)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	Recombinant full length protein expressed in E. coli
<b>Positive control</b>	

[Purchase matching WB positive control:  
Recombinant HIV tat protein >](#)

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Constituents: PBS, 0.05% Glycerol
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

Our [Abpromise guarantee](#) covers the use of **ab43015** 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		

Application	Abreviews	Notes
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ELISA

Flow Cyt

#### Application notes

ELISA: 1/500. Use Streptavidin (HRP) conjugated detection reagent.  
 Flow Cyt: 1/200. Use Streptavidin-FITC conjugated detection reagent.  
 WB: 1/1000. Predicted molecular weight: 14 kDa. Use Streptavidin (HRP) conjugated detection reagent.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

#### Target

##### Relevance

HIV1 tat (Transactivator of Transcription) protein is a pleiotropic factor that induces a broad range of biological effects in numerous cell types. At the HIV promoter, tat is a powerful transactivator of gene expression which acts by inducing chromatin remodeling and by recruiting elongation-competent transcriptional complexes on to the viral LTR.

##### Cellular localization

Nuclear. Upon stimulation with EDN1, it is exported from the nucleus to the perinuclear region.

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