

Product datasheet

Biotin Anti-HIV1 tat antibody ab43015

2 References

Overview

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

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

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

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

Applications

Applications

The Abpromise guarantee 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		
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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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