

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

HIV-1 tat Protein Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 20510

Size: 0.1 mg affinity purified IgY in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Recombinant full-length HIV-1 tat protein.

Host Species: Chicken

Preservatives: None. Available upon request.

Stabilizers: None

SPECIFICITY

This antibody specifically recognizes HIV-1 tat (Transactivator of Transcription) protein, 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.

APPLICATIONS

Immunoblotting: use at 0.5-2 ug/ml. In immunoblots, a band of approximately 14 kD is detected.

Immunohistochemistry: use at 2-5 ug/ml on paraffin-embedded tissues.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C to -70°C. Store antibody in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.