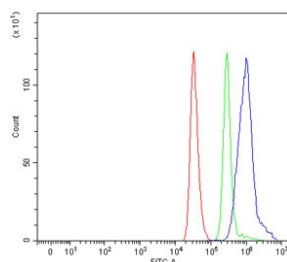


KAT5 Antibody / Tip60 / 60 kDa Tat-interactive protein (RQ7084)

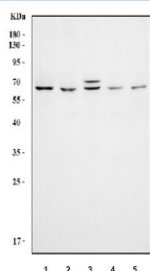
Catalog No.	Formulation	Size
RQ7084	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92993
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This KAT5 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with KAT5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KAT5 antibody.



Western blot testing of huma 1) Jurkat, 2) CCRF-CEM, 3) 293T, 4) HeLa and 5) MCF7 cell lysate with KAT5 antibody. Predicted molecular weight ~59 kDa.

Description

Histone acetyltransferase KAT5 is an enzyme that in humans is encoded by the KAT5 gene. The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Optimal dilution of the KAT5 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-E56) was used as the immunogen for the KAT5 antibody.

Storage

After reconstitution, the KAT5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.