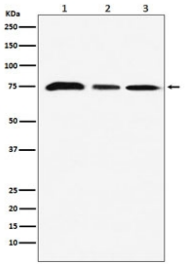
KAT7 Antibody [clone ADAE-11] (RQ4804)

Catalog No.	Formulation	Size
RQ4804	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ADAE-11
Purity	Affinity purified
UniProt	O95251
Applications	Western blot: 1:500-1:2000
Limitations	This KAT7 antibody is available for research use only.



Western blot testing of 1) human MCF7, 2) mouse NIH3T3 and 3) rat C6 cell lysate with KAT7 antibody. Predicted molecular weight ~71 kDa.

Description

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription. [UniProt]

Application Notes

Optimal dilution of the KAT7 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human KAT7 / HBO1 / MYST2 was used as the immunogen for the KAT7 antibody.

Storage

Store the KAT7 antibody at -20oC.

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