
Product Name: KAT7 Mouse Monoclonal Antibody**Catalog #: AMM82265**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	70.6kDa

Antigen Information

Gene Name	KAT7
Alternative Names	HBO1; HBOA; MYST2; ZC2HC7
Gene ID	11143.0
SwissProt ID	O95251
Immunogen	Purified recombinant fragment of human KAT7 (AA: 1-200) expressed in E. Coli.

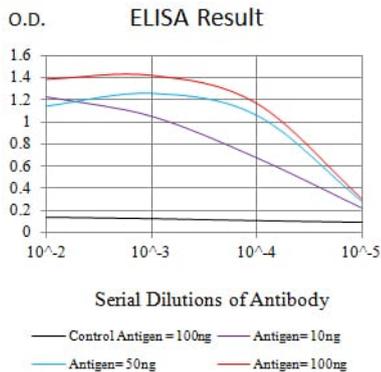
Background

The protein encoded by this gene is part of the multimeric HBO1 complex, which possesses histone H4-specific acetyltransferase activity. This activity is required for functional replication origins and is involved in transcriptional activation of some genes. In both cases, the acetylation of histone H4 helps unfold chromatin so that the DNA can be accessed and

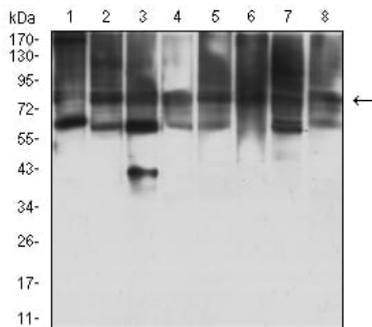
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Research Area

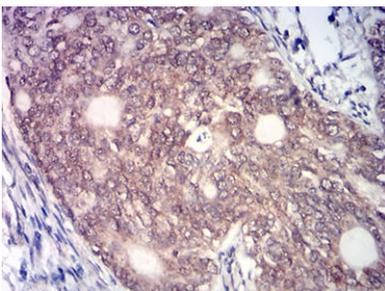
Image Data



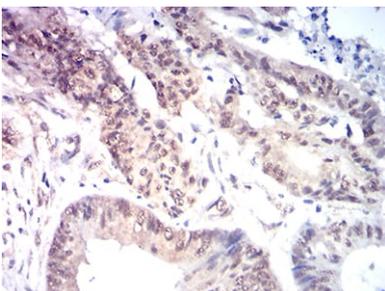
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using KAT7 mouse mAb against MOLT4 (1), COS7 (2), F9 (3), HepG2 (4), PC-2 (5), U251 (6), MCF-7 (7), and NIH/3T3 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using KAT7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using KAT7 mouse mAb with DAB staining.