

Summary

Production Name	KAT7 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	KAT7
Alternative Names	HBO1; HBOA; MYST2; ZC2HC7
Gene ID	11143
SwissProt ID	O95251

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 71 kDa; Observed MW: 71 kDa

Background

Product Name: KAT7 Rabbit Monoclonal Antibody
Catalog #: AMRe03055

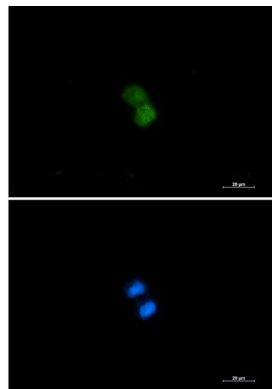


Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription.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

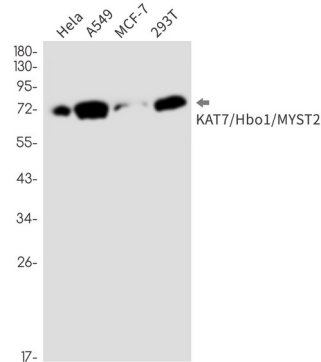
Research Area

Epigenetics and Nuclear Signaling

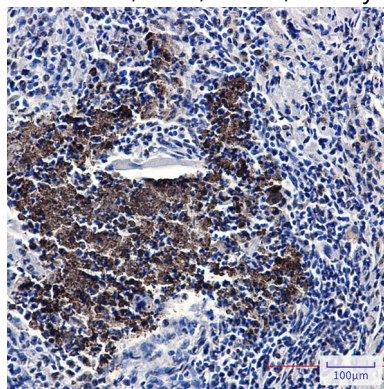
Image Data



Immunocytochemistry analysis of KAT7 (green) in HCT116 using KAT7 antibody, and DAPI (blue).



Western blot analysis of KAT7/Hbo1/MYST2 in HeLa, A549, MCF-7, 293T lysates using KAT7/Hbo1/MYST2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using KAT7/Hbo1/MYST2 antibody. High-

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pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.