

**Product Name: KAT7/Hbo1/MYST2 Rabbit Monoclonal Antibody****Catalog #: AMRe87770**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,FC 1:100-1:500
<b>Molecular Weight</b>	Calculated MW:71 kDa; Observed MW:80 kDa

**Antigen Information**

<b>Gene Name</b>	KAT7/Hbo1/MYST2
<b>Alternative Names</b>	HBO1; HBOA; MYST2; ZC2HC7
<b>Gene ID</b>	11143
<b>SwissProt ID</b>	O95251
<b>Immunogen</b>	A synthetic peptide of human KAT7/Hbo1/MYST2

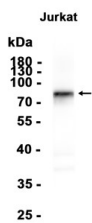
**Background**

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

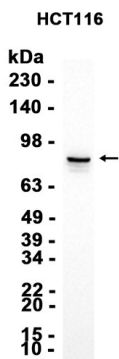
some genes. In both cases, the acetylation of histone H4 helps unfold chromatin so that the DNA can be accessed and replicated or transcribed. [provided by RefSeq, Oct 2016]

## Research Area

## Image Data



Western blot analysis of extracts from Jurkat cells using KAT7/Hbo1/MYST2 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from HCT116 cells using AMRe87770 at 1:3000.