

## KAT7 Conjugated Antibody

Catalog No: #C49619



Package Size: #C49619-AF350 100ul #C49619-AF405 100ul #C49619-AF488 100ul  
 #C49619-AF555 100ul #C49619-AF594 100ul #C49619-AF647 100ul  
 #C49619-AF680 100ul #C49619-AF750 100ul #C49619-Biotin 100ul

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## Description

Product Name	KAT7 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Hbo 1 antibody HBO1 antibody HBOa antibody Histone acetyltransferase binding to hORC1 antibody Histone acetyltransferase binding to ORC1 antibody Histone acetyltransferase KAT7 antibody Histone acetyltransferase MYST2 antibody K(lysine) acetyltransferase 7 antibody KAT 7 antibody KAT7 antibody Lysine acetyltransferase 7 antibody MOZ antibody MOZ YBF2/SAS3 SAS2 and TIP60 protein antibody MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2 antibody MYST 2 antibody MYST histone acetyltransferase 2 antibody MYST protein 2 antibody MYST-2 antibody MYST2 antibody MYST2_HUMAN antibody SAS 2 antibody SAS2 and TIP60 protein 2 antibody TIP60 protein 2 antibody YBF2/SAS3 antibody ZC2HC7 antibody
Accession No.	Swiss-Prot#:O95251
Uniprot	O95251
GeneID	11143;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	75 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only