

Rabbit anti-Human Histone acetyltransferase KAT7 Polyclonal Antibody | anti-KAT7 antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229690	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

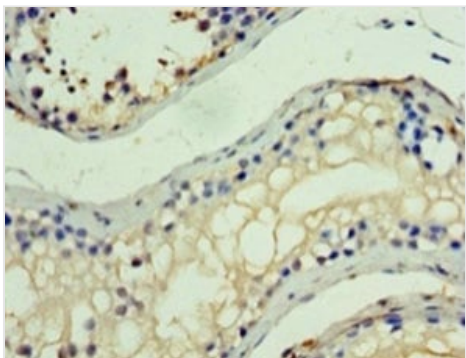
PRODUCT SYNONYMS

Histone acetyltransferase KAT7; Polyclonal Antibody; Rabbit anti-human Histone acetyltransferase KAT7 polyclonal Antibody; Histone acetyltransferase binding to ORC1; Lysine acetyltransferase 7; MOZ; YBF2/SAS3; SAS2 and TIP60 protein 2; HBO1; HBOa; MYST2; KAT7; anti-KAT7 antibody

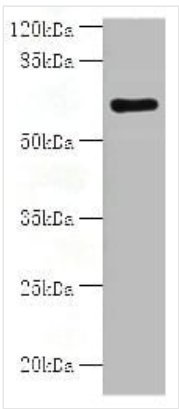
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	581
Applicable Applications for anti-KAT7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Histone acetyltransferase KAT7 protein(1-214aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13284 / sc-13283 / sc-25379
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA229690 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: Histone acetyltransferase KAT7 antibody at 2ug/ml+rat brain tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 71,59,52,67,56 kDaObserved band size: 71 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KAT7 antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	312434011
NCBI GeneID	11143
NCBI Accession #	NP_001186084.1
NCBI GenBank Nucleotide #	NM_001199155.1
UniProt Accession #	O95251; B3KN74; B4DF85; B4DFB4; B4DFE0; B4DGY4; E7ER15; G5E9K7
Molecular Weight	55,135 Da
NCBI Official Full Name	histone acetyltransferase KAT7 isoform 2
NCBI Official Synonym Full Names	lysine acetyltransferase 7
NCBI Official Symbol	KAT7
NCBI Official Synonym Symbols	HBO1; HBOA; MYST2; ZC2HC7
NCBI Protein Information	histone acetyltransferase KAT7
UniProt Protein Name	Histone acetyltransferase KAT7
UniProt Gene Name	KAT7
UniProt Synonym Gene Names	HBO1; HBOa; MYST2; MYST-2
UniProt Entry Name	KAT7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.