



Histone Nomenclature Glossary

Lysine methyltransferases, now known as K-methyltransferases (KMTs)

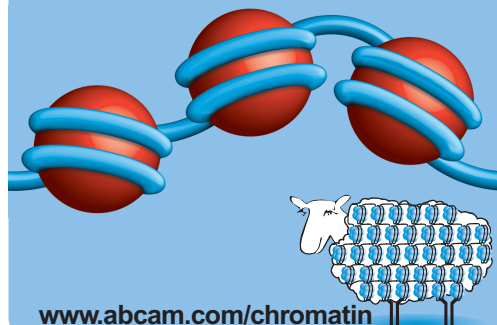
Human	S.cerevisiae	New name	ab
ASH1	-	KMT2H	ab4477
CLL8	-	KMT1F	-
DOT1L	Dot1	KMT4	ab52874
ESET/SETDB1	-	KMT1E	ab12317
EuHMTase/GLP	-	KMT1D	ab41969
EZH2	-	KMT6	ab3748
G9a	-	KMT1C	ab40542
MLL1	-	KMT2A	ab52099
MLL2	-	KMT2B	ab15962
MLL3	-	KMT2C	ab32941
MLL4	-	KMT2D	ab60053
MLL5	-	KMT2E	-
NSD1	-	KMT3B	-
RIZ1	-	KMT8	ab9710
hSET1A	-	KMT2F	-
hSET1B	-	KMT2G	-
SET2	-	KMT3A	ab31358
Pr-SET7/8	-	KMT5A	ab3798
SET7/9	-	KMT7	ab14820
SMYD2	-	KMT3C	ab37671
SUV39H1	-	KMT1A	ab38637
SUV39H2	-	KMT1B	ab5264
SUV4-20H1	-	KMT5B	ab18186
SUV4-20H2	-	KMT5C	ab18186
-	sSet1	KMT2	-
-	Set2	KMT3	-
-	-	-	-

Lysine demethylases, now known as K-demethylases (KDMs)

Human	S.cerevisiae	New name	ab
JARID1A/RBP2	-	KDM5A	ab56138
JARID1B/PLU-1	-	KDM5B	ab50958
JARID1C/SMCX	-	KDM5C	ab34718
JARID1D/SMCY	-	KDM5D	ab35492
JHDM1a/FBXL11	-	KDM2A	ab27867
JHDM1b/FBXL10	-	KDM2B	ab27869
JHDM2a	-	KDM3A	ab52002
JHDM2b/JMJD1B	-	KDM3B	ab31209
JMJD2A/JHDM3A	-	KDM4A	ab24545
JMJD2B	-	KDM4B	ab27531
JMJD2C/GASC1	-	KDM4C	ab27532
JMJD2D	-	KDM4D	ab35668
JMJ3	-	KDM6B	ab36687
LSD1/BHC110	-	KDM1	ab17721
UTX	-	KDM6A	ab36938
-	Jhd1	KDM2	ab39335
-	Jhd2	KDM5	-
-	Rph1	KDM4	ab40173

Lysine acetyltransferases, now known as K-acetyltransferases (KATs)

Human	S.cerevisiae	New name	ab
ACTR/AIB1	-	KAT13B	ab2782
CBP	-	KAT3A	ab3652
CLOCK	-	KAT13D	ab51333
ELP3	Elp3	KAT9	ab55923
hGCN5	-	KAT2A	ab18381
HAT1	Hat1	KAT1	ab61225
HBO1/MYST2	-	KAT7	ab37289
HMOF/MYST1	Sas2	KAT8	ab54276
P160/NCOA2	-	KAT13C	ab9261
P300	-	KAT3B	ab14984
PCAF	-	KAT2B	ab12188
MORF/MYST4	-	KAT6B	ab58823
MOZ/MYST3/HAT3	-	KAT6A	ab41718
TAF1/TBP	Taf1/TBP	KAT4	ab28450
TFIIIC90	-	KAT12	-
TIP60/PLIP	Esa1	KAT5	ab23886
SRC1	-	KAT13A	ab84
-	Gcn5	KAT2	-
-	Hap2	KAT10	-
-	Rtt109	KAT11	-
-	Sas3	KAT6	-



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Product	Clonality	Applications tested	Datasheet www.abcam.com/ab...
Lysine methyl transferases (KMT)			
KMT1A / SUV39H1 antibody	Polyclonal	ELISA, ICC/IF, IHC-P, WB	38637
KMT1B / SUV39H2 antibody	Polyclonal	-	5264
KMT1C / G9a antibody - ChIP Grade	Polyclonal	ChIP, IP, WB	40542
KMT1D / GLP / Eu HMTase1 antibody [B0422]	Monoclonal	ELISA, ICC/IF, IP, WB	41969
KMT1E / SETDB1 antibody	Polyclonal	IP, WB	12317
KMT2A / MLL antibody	Polyclonal	WB	52099
KMT2B / MLL2 antibody	Polyclonal	-	15962
KMT2C / MLL3 antibody	Polyclonal	-	32941
KMT2D / MLL4 antibody	Polyclonal	ELISA, IHC-P	60053
KMT2H / ASH1 antibody	Polyclonal	IHC-Fr, IHC-P	4477
KMT3A / HYPB / HIF-1 antibody	Polyclonal	WB	31358
KMT3C / SMYD2 antibody	Polyclonal	-	37671
KMT4 / Dot1L antibody	Polyclonal	WB	52874
KMT5A / SETD8 / Pr-SET7 antibody [43AT]	Monoclonal	ELISA, IF, WB	3798
KMT5B/KMT5C / SUV4-20h1/SUV4-20h2 antibody	Polyclonal	WB	18186
KMT6 / EZH2 antibody	Polyclonal	ICC/IF, IHC-P, IP, WB	3748
KMT7 / SETD7/ SET7/9 antibody [s4E5]	Monoclonal	ELISA, IF, WB	14820
KMT8/Riz1 / Riz2 antibody	Polyclonal	WB	9710
Lysine demethylases (KMD)			
KDM1 / LSD1 antibody - ChIP Grade	Polyclonal	ChIP, ICC/IF, IP, WB	17721
KDM2 / JHD1 antibody	Polyclonal	-	39335
KDM2A / JHDM1a / FBXL11 antibody	Polyclonal	ICC/IF, WB	27867
KDM2B / JHDM1b / FBXL10 antibody	Polyclonal	-	27869
KDM3A / JHDM2A antibody - ChIP Grade	Polyclonal	ChIP, IP, WB	52002
KDM3B / JMJD1B antibody	Polyclonal	-	31209
KDM4 / RPH1 antibody	Polyclonal	-	40173
KDM4A / JHDM3A / JMJD2A antibody - ChIP Grade	Polyclonal	ChIP, IP, WB	24545
KDM4B / JMJD2B antibody	Polyclonal	-	27531
KDM4C / GASC1 / JMJD2C antibody	Polyclonal	WB	27532
KDM4D / JMJD2D antibody	Polyclonal	-	35668
KDM5A / Jarid1A / RBBP2 antibody	Polyclonal	ELISA, WB	56138
KDM5B / PLU1 / Jarid1B antibody - ChIP Grade	Polyclonal	ChIP, IP, WB	50958
KDM5C / Jarid1C / SMCX antibody	Polyclonal	WB	34718
KDM5D / Jarid1D / SMCY antibody	Polyclonal	-	35492
KDM6A / UTX antibody	Polyclonal	-	36938
KDM6B / JMJD3 antibody	Polyclonal	-	36687
Lysine acetyl transferases (KATS)			
KAT1 / HAT1 antibody	Polyclonal	ELISA, WB	61225
KAT13A / SRC1 antibody [1135/H4] - ChIP Grade	Monoclonal	ChIP, IP, WB	84
KAT13B / AIB1 antibody [AX15.3] - ChIP Grade	Monoclonal	ChIP, IP, WB	2782
KAT13C / NCOA2 antibody - ChIP Grade	Polyclonal	ChIP, IP, WB	9261
KAT13D / CLOCK antibody [648C1a]	Monoclonal	Dot, WB	51333
KAT2A / GCN5 antibody	Polyclonal	IHC-P, WB	18381
KAT2B / PCAF antibody - ChIP Grade	Polyclonal	ChIP, IHC-P, IP, WB	12188
KAT3A / CBP antibody [AC238] - ChIP Grade	Monoclonal	ChIP, IHC-Fr, IHC-P, WB	3652
KAT3B / p300 antibody [3G230] - ChIP Grade	Monoclonal	ChIP, IF, IHC-P, IP, WB	14984
KAT4 / TBP Associated Factor 1 antibody - ChIP Grade	Polyclonal	ChIP, ELISA, IHC-P, WB	28450
KAT5 / Tip60 antibody	Polyclonal	ICC/IF	23886
KAT6A / HAT3 antibody	Polyclonal	WB	41718
KAT6B / MORF antibody	Polyclonal	IHC-P, WB	58823
KAT7 / Hbo1 / MYST2 antibody	Polyclonal	WB	37289
KAT8 / MYST1 / MOF antibody [T13H1B2]	Monoclonal	ELISA, IHC-P, WB	54276
KAT9 / Elp3 antibody	Polyclonal	ELISA, WB	55923