

M30142

JARID1C Antibody

- 50ul
- 100 uL



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Description:

Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements. Represses the CLOCK-ARNTL/BMAL1 heterodimer-mediated transcriptional activation of the core clock component PER2 (By similarity).

Uniprot:P41229

Alternative Names:

DXS1272E; Histone demethylase JARID1C; JARID1C; JmjC domain containing protein SMCX; Jumonji AT rich interactive domain 1C; Jumonji, AT rich interactive domain 1C (RBP2 like); Jumonji/ARID domain-containing protein 1C; KDM5C; KDM5C_HUMAN; Lysine (K) specific demethylase 5C; Lysine-specific demethylase 5C; MRX13; MRXJ; MRXSCJ; MRXSJ; Protein SmcX; Protein Xe169; rbp2 like protein; Selected cDNA on X; SMCX; Smcx homolog X chromosome; SmcX protein; Smcy homolog X linked; XE169; Xe169 protein;

Reactivity:Human, Mouse, Rat

Source:Mouse

Mol Weight:172KD

Storage Condition: Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100