



Anti-Lysine-specific histone demethylase 1A Antibody

Alternative Names: KDM1A, Lysine-specific histone demethylase 1A, lysine (K)-specific demethylase 1A, LSD1, Lysine-specific demethylase 1A

Catalogue Number: AA17-10033-50ug

Size: 50 µg

Background Information

Lysine-specific histone demethylase 1A (LSD1/KDM1A) regulates histone methylation and influences the epigenetic state of cells during the generation of induced pluripotent stem cells. It is a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. It is a demethylase that acts on both Lys 4 and 9 of histone H3 (H3K4 and H3K9) and it is component of several histone deacetylase complexes. LSD1 has near ubiquitous expression and it may have roles critical in embryogenesis and tissue-specific differentiation, as well as oocyte growth and the repression of neuronal genes.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse
Immunogen:	Partial length recombinant human LSD1 from the N-terminal region of the protein		
Format:	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB WB: 2-4 µg/ml		

Additional Information

Subcellular location:	Nucleus	MW:	93kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	23028	Uniprot ID:	O60341