

Product Datasheet

LSD2 / AOF1 Antibody

Catalog No: CY7095

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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Information

UniProt ID: Q8NB78

All Names: AOF1; KDM1B; LSD2; Lysine-specific histone demethylase 1B; Lysine-specific histone demethylase 2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 92kDa

Application

WB 1:500~1:2000

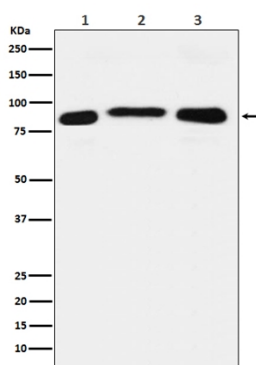
ICC/IF 1:50~1:200

IP 1:60

FC 1:50

Background

Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed.



Western blot analysis of LSD2 / AOF1 expression in (1) HeLa cell lysate; (2) RAW264.7 cell lysate; (3) PC12 cell lysate.

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