

**LSD2 / AOF1 Rabbit monoclonal antibody**

Catalog: BS40662

Host: Rabbit

Reactivity: Human Mouse Rat

**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.

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

**Molecular Weight:**

92kDa

**Swiss-Prot:**

Q8NB78

**Purification&Purity:**

Affinity-chromatography

**Applications:**

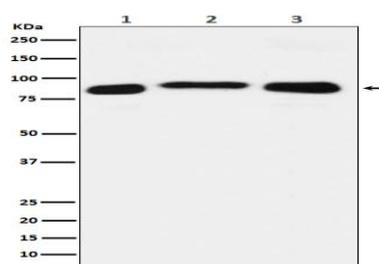
WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:60 FC 1:50

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

LSD2 / AOF1 Antibody detects endogenous levels of total LSD2 / AOF1

**DATA:**

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

**Note:**

For research use only, not for use in diagnostic procedure.

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