

# LSD2 / AOF1 Conjugated Antibody

Catalog No: #C56262

Package Size: #C56262-AF350 100ul #C56262-AF405 100ul #C56262-AF488 100ul #C56262-AF555 100ul #C56262-AF594 100ul #C56262-AF647 100ul #C56262-AF680 100ul #C56262-AF750 100ul #C56262-Biotin 100ul #C56262-Conjugated 50ul

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## Description

Product Name	LSD2 / AOF1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	LSD2 / AOF1 Antibody detects endogenous levels of total LSD2 / AOF1
Immunogen Description	A synthesized peptide derived from human LSD2 / AOF1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AOF1; KDM1B; LSD2; Lysine-specific histone demethylase 1B; Lysine-specific histone demethylase 2;
Accession No.	Uniprot:Q8NB78
Calculated MW	92kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

FC: 1:50-1:200

## Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.