

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

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | LSD2 / AOF1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| 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 |
| Uniprot | Q8NB78 |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 92kDa |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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