bs-10166R

[Primary Antibody]

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KDM1/LSD1 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 23028 SWISS: 060341

Target: KDM1/LSD1

Immunogen: KLH conjugated synthetic peptide derived from human KDM1:

301-400/852.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Gene activation and repression is specifically regulated by histone

methylation status at distinct lysine residues. Lysine specific demethylase 1 (KDM1/LSD1) is a long-sought histone demethylase that specifically demethylates mono and di methyl histone H3 at

K4 and K9. Thus KDM1 is a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Applications: WB (1:500-2000)

ICC/IF (1:100-500)

Reactivity: Human, Mouse, Rat

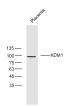
(predicted: Rabbit, Pig, Cow, Chicken, Dog)

Predicted 94 kDa

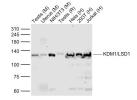
MW.:

Subcellular Nucleus

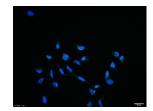
VALIDATION IMAGES



Sample: placenta (Mouse) Lysate at 40 ug Primary: Anti-KDM1(bs-10166R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 94 kD Observed band size: 94 kD



Sample: Lane 1: Testis (Mouse) Lysate at 40 ug Lane 2: Uterus (Mouse) Lysate at 40 ug Lane 3: NIH/3T3 (Mouse) Cell Lysate at 30 ug Lane 4: Testis (Rat) Lysate at 40 ug Lane 5: Hela (Human) Cell Lysate at 30 ug Lane 6: 293T (Human) Cell Lysate at 30 ug Lane 7: Jurkat (Human) Cell Lysate at 30 ug Primary: Anti-KDM1/LSD1 (bs-10166R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 120 kD Observed band size: 120 kD



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (KDM1/LSD1) polyclonal Antibody, Unconjugated (bs-10166R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.