

Rabbit LSD1/KDM1A Polyclonal Antibody | anti-LSD1/KDM1A antibody

LSD1/KDM1A antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59845	Rabbit	Human, Mouse, Wide Range Predicted	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

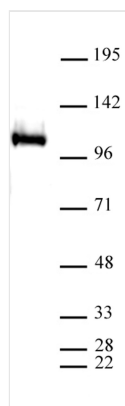
PRODUCT SYNONYMS

LSD1/KDM1A; Polyclonal Antibody; LSD1/KDM1A antibody (pAb); Lysine-specific demethylase 1; AOF2; KDM1A; BHC110; anti-LSD1/KDM1A antibody

PRODUCT SPECIFICATIONS

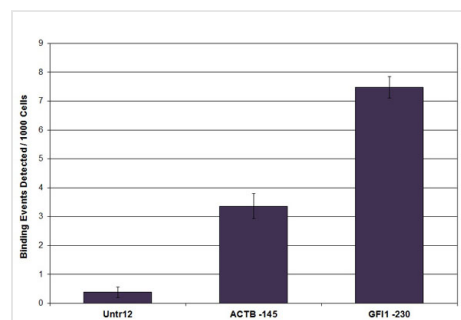
Host	Rabbit
Reactivity	Human, Mouse, Wide Range Predicted
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-LSD1/KDM1A antibody	WB (Western Blot), IP (Immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This antibody was raised against full-length recombinant human LSD1/KDM1A protein.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

LSD1 / KDM1A antibody (pAb) tested by Western blot Nuclear extract of HeLa cells (30 ug per lane) probed with LSD1 / KDM1A antibody (1:2,000 dilution).



ChIP (Chromatin Immunoprecipitation)

LSD1 / KDM1A antibody (pAb) tested by ChIP. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from a human small lung cancer cell line (treated with the LSD1 inhibitor, ORY-1001, 1nM for 96 hours) and 5 ul of LSD1 / KDM1A antibody. ChIP DNA was used in qPCR with the negative control primer pairs or gene-specific primer pairs as indicated. Data are presented as Binding Events Detected per 1000 Cells using Epigenetic Services normalization scheme which accounts for primer efficiency and the amount of chromatin used in the ChIP reaction.

ADDITIONAL INFORMATION

Related Product Information for anti-LSD1/KDM1A antibody	Short Description: Our LSD1/KDM1A antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, Immunoprecipitation and Western blot; it has been shown to react with Human and Mouse samples, but it is predicted that it will react with a wide range of sample types. Background: LSD1 (Lysine-specific demethylase 1, also designated KDM1A) was identified as a subunit of different complexes (such as CTBP, CoREST, NuRD or BRAF35). LSD1 is involved in transcriptional repression of genes through the demethylation of Histone H3K4me1 and Histone H3K4me2, a methylation site associated with transcriptional activation. LSD1 is also involved in transcriptional activation through the demethylation of Histone H3K9me1 and Histone H3K9me2, a modification often associated with transcriptional repression. LSD1 is also able to demethylate Lys370me1 and Lys370me2 in the regulatory domain of the tumor suppressor p53. LSD1 is a flavin-dependent amine oxidase.
Product Categories/Family for anti-LSD1/KDM1A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	110kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsd1-kdm1a-antibody-western-blot-immunoprecipitation-chromatin-immunoprecipitation-elisa/59845>