

Rabbit anti-Human BHC110/LSD1 Polyclonal Antibody | anti-BHC110/LSD1 antibody

Rabbit anti-BHC110/LSD1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210821	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BHC110/LSD1; Polyclonal Antibody; Rabbit anti-BHC110/LSD1 Antibody; Affinity Purified; flavin-containing amine oxidase domain-containing protein 2; lysine-specific histone demethylase 1; lysine-specific histone demethylase 1A; lysine (K)-specific demethylase 1A; LSD1; KDM1; FAD-binding protein BRAF35-HDAC complex; 110 kDa subunit; CPRF; BRAF35-HDAC complex protein BHC110; BHC110; amine oxidase (flavin containing) domain 2; AOF2; Lysine-specific histone demethylase 1A; lysine demethylase 1A; anti-BHC110/LSD1 antibody

PRODUCT SPECIFICATIONS

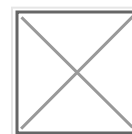
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BHC110/LSD1 antibody	ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human LSD1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-LSD1 antibody AAA210821 (lot AAA210821-2) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. LSD1 was also immunoprecipitated by a previous lot (lot AAA210821-1) of this antibody. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human BHC110/LSD1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-BHC110/LSD1 (Cat. No. AAA210821 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BHC110/LSD1 antibody

BHC110/LSD1 is a histone demethylase and a component of several histone deacetylase complexes. BHC110/LSD1 is able to specifically catalyze the demethylation of Lys4 of histone H3. As part of histone deacetylase complexes BHC110/LSD1 functions as a corepressor of transcription. BHC110/LSD1 has also been demonstrated to interact with the androgen receptor and stimulate androgen-receptor-dependent transcription.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226437582
NCBI GeneID	23028
NCBI Accession #	NP_055828.2
NCBI GenBank Nucleotide #	NM_015013
UniProt Accession #	O60341; Q5TH94; Q5TH95; Q86VT7; Q8IXK4; Q8NDP6; Q8TAZ3; Q96AW4; A8MWP9
Molecular Weight	95,155 Da
NCBI Official Full Name	Homo sapiens lysine (K)-specific demethylase 1A (KDM1A), transcript variant 2, mRNA
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 1A
NCBI Official Symbol	KDM1A
NCBI Official Synonym Symbols	AOF2; KDM1; LSD1; BHC110
NCBI Protein Information	lysine-specific histone demethylase 1A; BRAF35-HDAC complex protein BHC110; FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit; amine oxidase (flavin containing) domain 2; flavin-containing amine oxidase domain-containing protein 2; lysine (K)-speci
UniProt Protein Name	Lysine-specific histone demethylase 1A
UniProt Gene Name	KDM1A
UniProt Synonym Gene Names	AOF2; KDM1; KIAA0601; LSD1
UniProt Entry Name	KDM1A_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bhc110-lsd1-antibody-chromatin-immunoprecipitation-immunohistochemistry-immunoprecipitation-western-blot-elisa/210821>