

Datasheet for ABIN1711723

anti-LSD1 antibody (AA 301-400) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LSD1 (KDM1A)
Binding Specificity:	AA 301-400
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSD1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KDM1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LSD1 (KDM1A)
Alternative Name:	KDM1 (KDM1A Products)
Background:	Synonyms: Amine oxidase flavin containing domain 2, Amine oxidase flavin containing domain

Target Details

2, Amine oxidase flavin containing domain protein 2, AOF 2, AOF2, BHC110, BRAF35 HDAC complex protein BHC110, BRAF35-HDAC complex protein BHC110, FAD binding protein BRAF35 HDAC complex, 110 kDa subunit, Flavin containing amine oxidase domain containing protein 2, Flavin-containing amine oxidase domain-containing protein 2, KDM 1, Kdm1a, KDM1A_HUMAN, KIAA0601, LSD 1, LSD1, Lysine K specic demethylase 1, Lysine K specic demethylase 1A, Lysine specic histone demethylase 1, Lysine specic histone demethylase 1A, Lysine-specic histone demethylase 1, Lysine-specic histone demethylase 1A.

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.

Pathways: [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [Warburg Effect](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months