

Datasheet for ABIN966497

anti-LSD1 antibody



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1 Publication

Overview

Quantity:	0.1 mg
Target:	LSD1 (KDM1A)
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This LSD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant human LSD1 expressed in E. Coli strain BL21 (DE3)
Purification:	Crude Asites are purified by protein A affinity chromatography.

Target Details

Target:	LSD1 (KDM1A)
Alternative Name:	LSD1/AOF2 (KDM1A Products)
Background:	The amine oxidase domain 2(AOF2)gene encodes a nuclear protein(LSD1,~95kDa) containing a Swirm domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. LSD1 is a chromatin-modifying enzyme, which serve as a docking module for the stabilization of the associated corepressor complex(es) on chromatin.

Target Details

Gene ID:	23028
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Negative Regulation of intrinsic apoptotic Signaling , Warburg Effect

Application Details

Application Notes:	Western Blot: 1: 500- 1: 2,000 IHC(P): 1: 500- 1: 2,000 IHC(F): 1: 500- 1: 2,000 ELISA: Propose dilution 1: 10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Storage:	-20 °C
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Publications

Product cited in:	Metzger, Wissmann, Yin, Müller, Schneider, Peters, Günther, Buettner, Schüle: "LSD1 demethylates repressive histone marks to promote androgen-receptor-dependent transcription." in: Nature , Vol. 437, Issue 7057, pp. 436-9, (2005) (PubMed).
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