

Datasheet for ABIN5027336
anti-LSD1 antibody (AA 97-328)



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Overview

Quantity:	100 µg
Target:	LSD1 (KDM1A)
Binding Specificity:	AA 97-328
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A partial length recombinant LSD1 protein (amino acids 97-328) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	LSD1 (KDM1A)
Alternative Name:	LSD1 (KDM1A Products)
Background:	LSD1 or KDM1A (lysine (K)-specific demethylase 1A) gene encodes a nuclear protein which contains a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes. LSD1 or KDM1A is a demethylase that

Target Details

acts on both Lys 4 and 9 of histone H3. Consequently depending upon the use it may act as a co-activator or a co-repressor. It may have a role in the repression of neuronal genes. Two isoforms of LSD1 have been reported which are produced by alternative splicing. LSD1 has more or less ubiquitous expression.

Molecular Weight:	115 kDa
Gene ID:	23028
UniProt:	O60341
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Negative Regulation of intrinsic apoptotic Signaling , Warburg Effect

Application Details

Application Notes:	WB: 0.5-2.0 µg/mL, IHC: 5 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

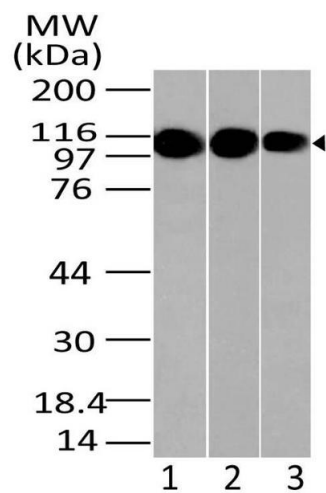


Image 1.