Datasheet for ABIN7307960

anti-LSD1 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	LSD1 (KDM1A)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to KDM1A
Immunogen:	Recombinant full length protein of human KDM1A
Specificity:	Recognizes endogenous levels of KDM1A protein.
Characteristics:	Rabbit polyclonal antibody to KDM1A
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	LSD1 (KDM1A)
Alternative Name:	KDM1A (KDM1A Products)
Background:	AOF2, KDM1, KIAA0601, LSD1, Lysine-specific histone demethylase 1A, BRAF35-HDAC

Target Details

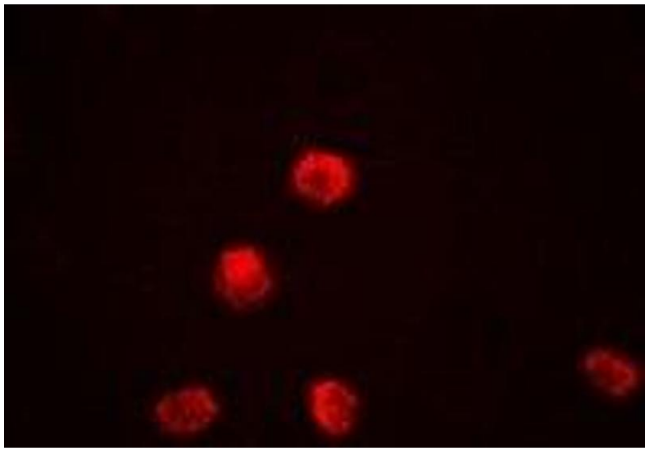
	complex protein BHC110, Flavin-containing amine oxidase domain-containing protein 2
Gene ID:	23028, 99982
UniProt:	O60341, Q6ZQ88
Pathways:	Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, Negative Regulation of intrinsic apoptotic Signaling, Warburg Effect

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:50 - 1:200), ChIP (1:20 - 1:100)
Restrictions:	For Research Use only

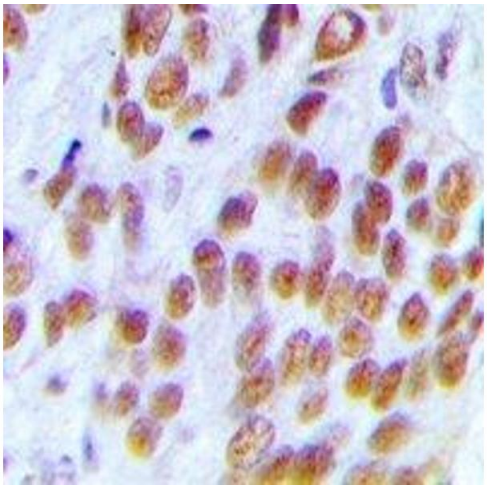
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



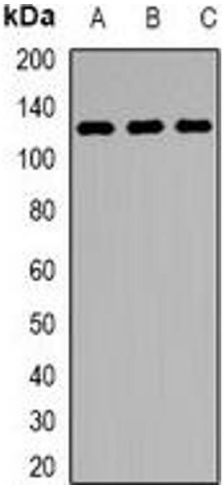
Immunofluorescence

Image 1. Immunofluorescent analysis of KDM1A staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibod



Immunohistochemistry

Image 2. Immunohistochemical analysis of KDM1A staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wi



Western Blotting

Image 3. Western blot analysis of KDM1A expression in Jurkat (A), MCF7 (B), mouse testis (C) whole cell lysates.