

# Product Datasheet

## LSD1 Antibody - BSA Free NBP1-76688

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-76688**

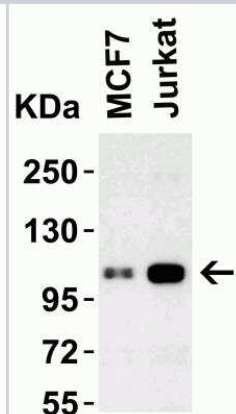
LSD1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	110 kDa
Product Description	
Description	Novus Biologicals Rabbit LSD1 Antibody - BSA Free (NBP1-76688) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-LSD1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23028
Gene Symbol	KDM1A
Species	Human, Mouse, Rat
Marker	Nucleus Marker
Immunogen	Antibody was raised against a 16 amino acid synthetic peptide from near the center of human LSD1. The immunogen is located within amino acids 140 - 190 of LSD1. Amino Acid Sequence: QAPPEEENESEPEEPS
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.2-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2 ug/ml
Application Notes	Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID:33831591).

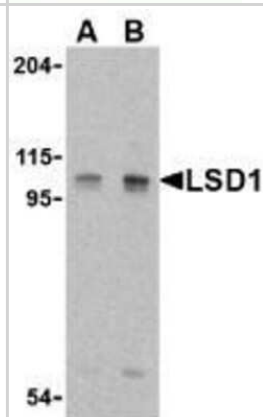


## Images

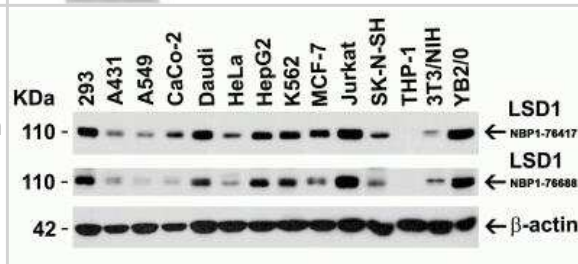
Western Blot: LSD1 Antibody [NBP1-76688] - Western Blot Validation in Human Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: LSD1 NBP1-76688 (1 ug/ml), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



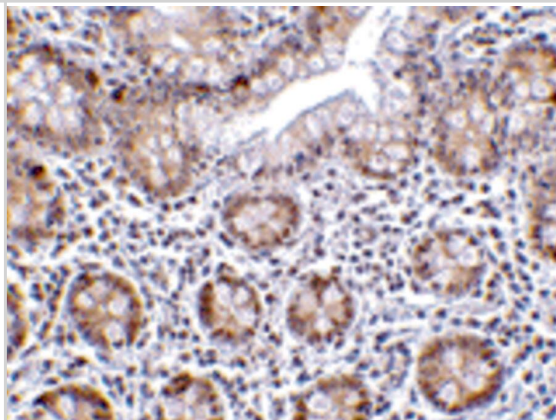
Western Blot: LSD1 Antibody [NBP1-76688] - P815 cell lysate at (A) 1 and (B) 2 ug/ml.



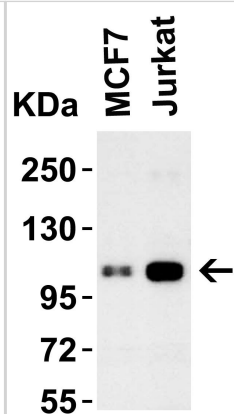
Western Blot: LSD1 Antibody [NBP1-76688] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: LSD1 NBP1-76417 (0.2 ug/mL), LSD1 NBP1-76688 (1 ug/mL), beta-actin NBP1-76692 (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



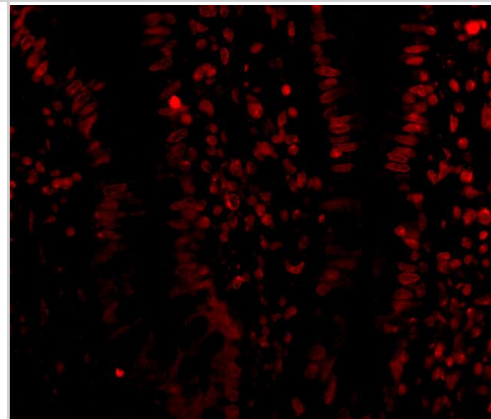
Immunohistochemistry: LSD1 Antibody - BSA Free [NBP1-76688] - Validation of LSD1 in Human Small Intestine Tissue. Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-LSD1 antibody at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Western Blot: LSD1 Antibody - BSA Free [NBP1-76688] - Validation in Human Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: LSD1 (1 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Immunocytochemistry/ Immunofluorescence: LSD1 Antibody - BSA Free [NBP1-76688] - Validation of LSD1 in Human Small Intestine Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed human small intestine cells labeling LSD1 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



## Publications

Xie L, Ding N, Zhang H et al. SNF5 promotes IL-1 beta expression via H3K4me1 in atherosclerosis induced by homocysteine The international journal of biochemistry & cell biology 2021-04-05 [PMID: 33831591] (WB, ICC/IF, Mouse)



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### **Products Related to NBP1-76688**

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NBP1-76688PEP	LSD1 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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