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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BHC110/LSD1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O60341

Catalog No. A300-215A

GeneID 23028

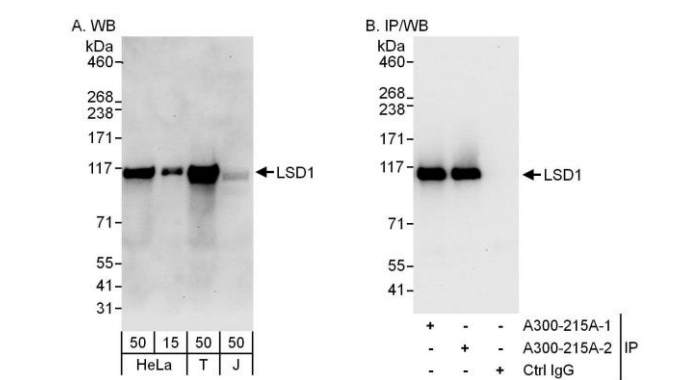
Lot No. A300-215A-2



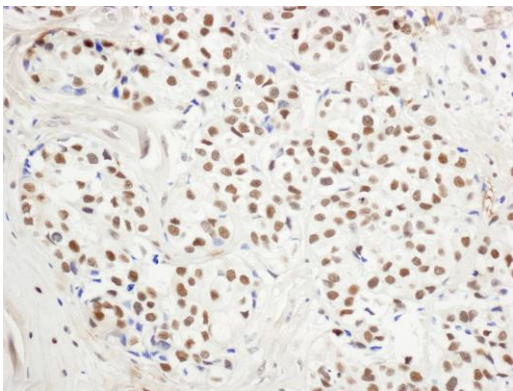
APPLICATIONS	WB, IP, IHC, ChIP-Seq								
SPECIES REACTIVITY	Human								
AMOUNT	100 µl								
CONCENTRATION	1000 µg/ml								
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt								
PHYSICAL STATE	Liquid								
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to BHC110/LSD1 immobilized on solid support.</p> <p>The epitope recognized by A300-215A maps to a region between residues 50 and 100 of human FAD-binding protein BRAF35-HDAC complex 110 kDa (lysine-specific histone demethylase 1) using the numbering given in TrEMBL entry O60341 (GeneID 23028).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>								
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:5,000 – 1:15,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>ChIP-Seq</td><td>10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628–39. Previous lots of this antibody have performed in this application.</td></tr></table>	Western Blot	1:5,000 – 1:15,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	ChIP-Seq	10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628–39. Previous lots of this antibody have performed in this application.
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APPLICATION NOTES	<p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4–8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE.</p>								
IHC HUMAN CONTROLS	Breast Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Skin Basal Cell Carcinoma, Testicular Seminoma								
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-215A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p>								

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human LSD1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-LSD1 antibody A300-215A (lot A300-215A-2) used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. LSD1 was also immunoprecipitated by a previous lot (lot A300-215A-1) of this antibody. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



Detection of human BHC110/LSD1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-BHC110/LSD1 (Cat. No. A300-215A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB