HEXIM1 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A303-112A
Lot No. A303-112A-1

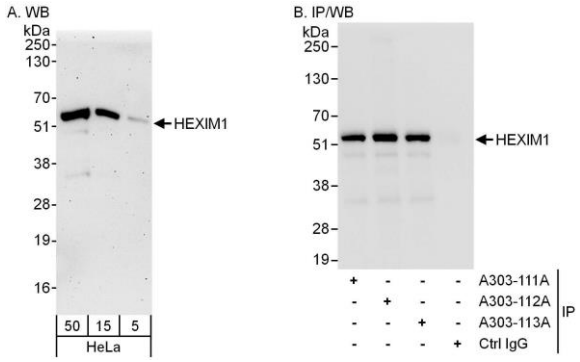
Protein ID NP_006451.1
GeneID 10614

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to HEXIM1 immobilized on solid support. The epitope recognized by A303-112A maps to a region between residue 175 and 225 of human Hexamethylene Bis-Acetamide Inducible 1 using the numbering given in entry NP_006451.1 (GeneID 10614). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

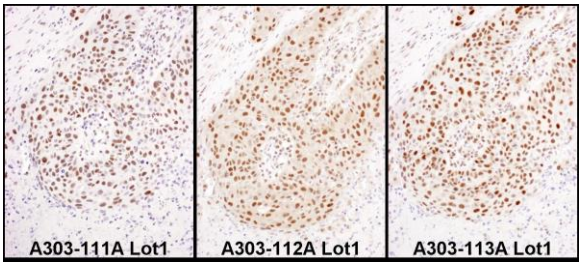
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES	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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
IHC MOUSE CONTROLS	Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A303-112A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

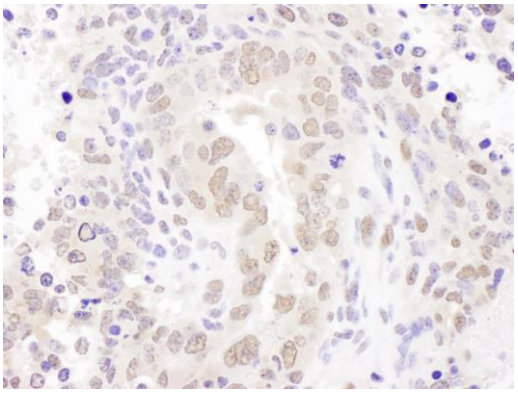
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human HEXIM1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-HEXIM1 antibody A303-112A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. HEXIM1 was also immunoprecipitated by rabbit anti-HEXIM1 antibodies A303-111A and A303-113A, which recognize other epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).



Detection of human HEXIM1 by immunohistochemistry. *Samples:* FFPE serial sections of human lung cancer. *Antibody:* Affinity purified rabbit anti- HEXIM1 (Cat. No. A303-111A Lot1, left image, A303-112A Lot1, middle image and Cat. No. A303-113A Lot1, right image) used at a dilution of 1:200 (1µg/ml) (A303-111A-1) or 1:1,000 (1 µg/ml) (A303-112A-1 and A303-113A-1). *Detection:* DAB. *Counterstain:* hematoxylin (blue).



Detection of mouse HEXIM1 by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- HEXIM1 (Cat. No. A303-112A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB