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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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4EBP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004086.1

Catalog No. A300-501A

GeneID 1978

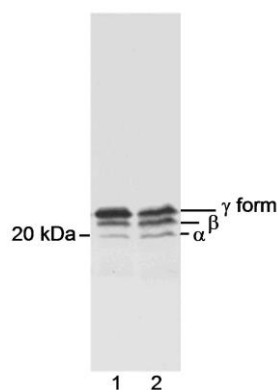
Lot No. A300-501A-1



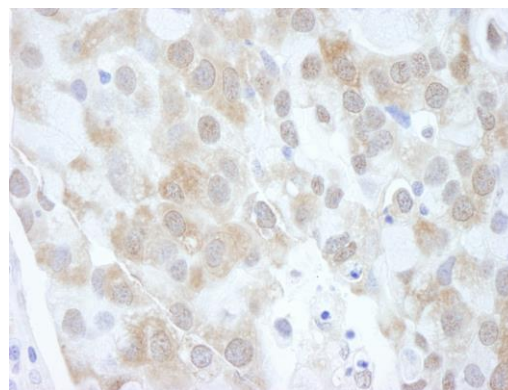
APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate 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 4EBP1 immobilized on solid support.</p> <p>The epitope recognized by A300-501A maps to a region between residue 75 and the C-terminus (residue 118) of human eukaryotic translation initiation factor 4E binding protein 1 using the numbering given in entry NP_004086.1 (GeneID 1978).</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> <p>Western Blot 1:1,000 – 1:6,000</p> <p>Immunohistochemistry 1:5,000 – 1:20,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–12% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma
IHC MOUSE CONTROLS	Squamous Cell Carcinoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-501A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</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 4EBP1 by western blot. *Samples:* Whole cell lysate (100 μ g) from RINm5F insulinoma exposed to high or low concentration of leucine. *Antibody:* Affinity purified rabbit anti-4EBP1 (Cat. No. A300-501A) used at 0.25 μ g/ml. *Detection:* Chemiluminescence.



Detection of human 4EBP1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-4EBP1 (Cat. No. A300-501A) used at a dilution of 1:20,000 (0.05 μ g/ml). *Detection:* DAB