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Produktinformation



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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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FASN Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_004095.4
Catalog No. A301-324A-T	Uniprot ID	P49327
Lot No. 2	GeneID	2194

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	10 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 FASN immobilized on solid support.

The epitope recognized by A301-324A-T maps to a region between residue 2462 and 2511 of human fatty acid synthase using the numbering given in entry NP_004095.4 (GeneID 2194).

Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.

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	1:2000 – 1:10,000 (3–8% Tris-acetate gel recommended)
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

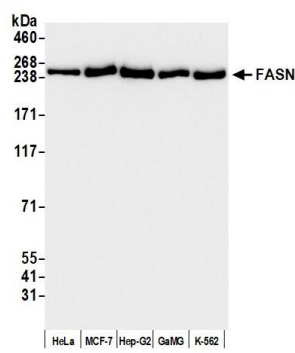
IHC HUMAN CONTROLS Breast Carcinoma, Prostate Carcinoma

IHC MOUSE CONTROLS Plasmacytoma, Renal Cell Carcinoma, Teratoma

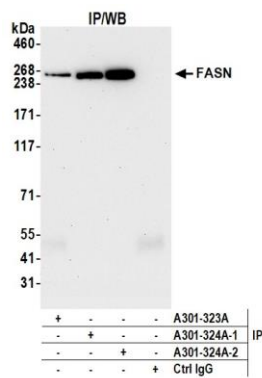
ADDITIONAL INFO <https://www.fortislife.com/p/A301-324A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

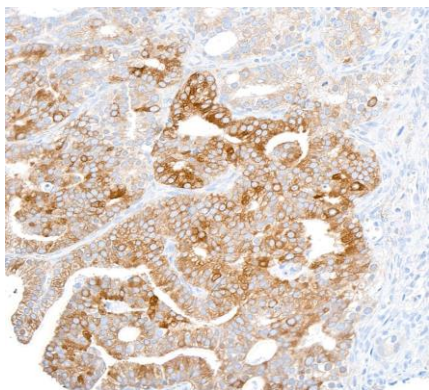
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 11, 2024



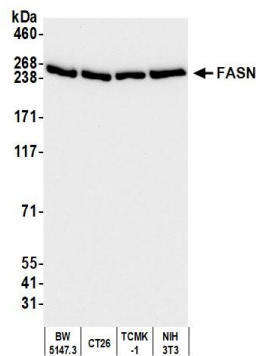
Detection of human FASN by western blot. *Samples:* Whole cell lysate (25 µg) from HeLa, MCF-7, Hep-G2, GaMG, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-FASN antibody (A301-324A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



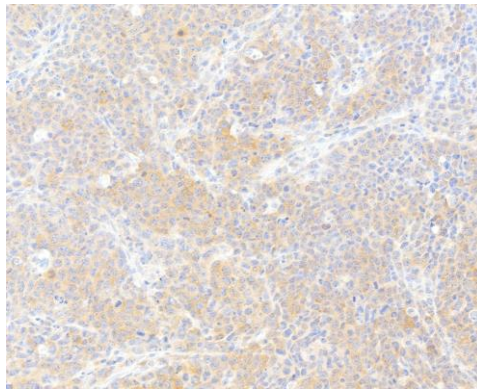
Detection of human FASN by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg per IP; 5% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-FASN antibody (A301-324A lot 2) used for IP at 6 µg per reaction. FASN was also immunoprecipitated by a previous lot of this antibody (A301-324A lot 1) and a second antibody against a different epitope of FASN (A301-323A). For blotting immunoprecipitated FASN, A301-324A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human FASN by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-FASN (A301-324A lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse FASN by western blot. *Samples:* Whole cell lysate (25 µg) from BW5147.3, CT26, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-FASN antibody (A301-324A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

**Detection of mouse FASN by immunohistochemistry.**

Sample: FFPE section of mouse plasmacytoma. *Antibody:*

Affinity purified rabbit anti-FASN (A301-324A lot 2).

Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P).