

# Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

# Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## NIF1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_071378.1

Catalog No. A300-798A GeneID 63925

Lot No. A300-798A-1

**APPLICATIONS** WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

 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 NIF1 immobilized on solid support.

The epitope recognized by A300-798A maps to a region between residue 1300 and the C-terminus (residue 1342) of human NRC-Interacting Factor 1 using the numbering given in entry

NP\_071378.1 (GeneID 63925).

Immunoglobulin 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 - 5 µg/mg lysate

Immunohistochemistry 1:100 - 1:500. 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. \$100–020),

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).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Anaplastic Thyroid Carcinoma, Breast Carcinoma, Hodgkins Lymphoma, Ovarian Carcinoma,

Small Cell Lung Cancer

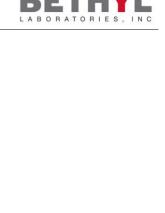
IHC MOUSE CONTROLS Squamous Cell Carcinoma, Teratoma

ADDITIONAL INFO https://www.bethyl.com/product/A300-798A

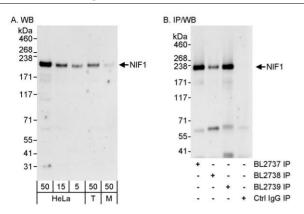
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

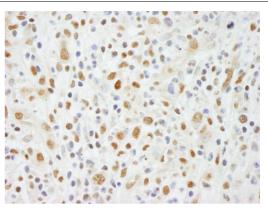
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



NIF1 Antibody A300-798A



Detection of human and mouse NIF1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-NIF1 antibody BL2739 (Cat. No. A300–798A) used for WB at 0.04  $\mu$ g/ml (A) and at 1  $\mu$ g/ml (B) and used for IP at 3  $\mu$ g/mg lysate (B). NIF1 was also immunoprecipitated by rabbit anti-NIF1 antibodies BL2737 (Cat. No. A300–797A) and BL2738. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human NIF1 by immunohistochemistry. Sample: FFPE section of human Hodgkin's lymphoma. Antibody: Affinity purified rabbit anti- NIF1 (Cat. No. A300-798A Lot1) used at a dilution of 1:200 (1µg/ml). Detection: DAB