EFTUD2/SNRP116 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004238.2

Catalog No. A300-957A GeneID 9343

Lot No. A300-957A-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Chicken, Bovine and

Orangutan

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 Antibody was affinity purified using an epitope specific to EFTUD2/SNRP116 immobilized on

PROCEDURES solid support.

The epitope recognized by A300-957A maps to a region between residue 1 and 50 of human Elongation Factor Tu GTP Binding Domain Containing 2 (U5 snRNP-Specific Protein, 116 kD)

using the numbering given in entry NP_004238.2 (GeneID 9343).

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 $2 - 5 \mu g/mg$ 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 4-8% 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.

ADDITIONAL INFO https://www.bethyl.com/product/A300-957A

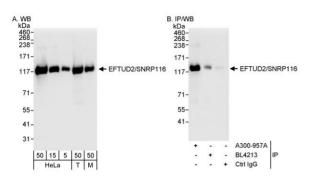
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

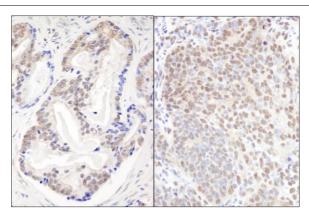
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush. PhD | Chief Scientific Officer

Date: June 21, 2019





Detection of human and mouse EFTUD2/SNRP116 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μg) and mouse NIH 3T3 (M; 50 μg) cells. Antibodies: Affinity purified rabbit anti-EFTUD2/SNRP116 antibody A300-957A used for WB at 0.04 μg/ml (A) and 0.1 μg/ml (B) and used for IP at 3 μg/mg lysate (B). EFTUD2/SNRP116 was also immunoprecipitated by rabbit anti-EFTUD2/SNRP116 antibody BL4213, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



Detection of human and mouse EFTUD2/SNRP116 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-EFTUD2/SNRP116 (Cat. No. A300-957A Lot1) used at a dilution of 1:200 (1 µg/ml). Detection: DAB