GTF2E1/TFIIE-alpha Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005504.2

Catalog No. A302-754A GeneID 2960

Lot No. A302-754A-1

APPLICATIONS IP, IHC
SPECIES REACTIVITY Human

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

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

Antibody was affinity purified using an epitope specific to GTF2E1/TFIIE-alpha immobilized on

solid support.

The epitope recognized by A302-754A maps to a region between residue 100 and 150 of human General Transcription Factor IIE, polypeptide 1, alpha, using the numbering given in entry

NP_005504.2 (GeneID 2960).

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 Not recommended. Use rabbit anti-GTF2E1/TFIIE-alpha antibody

A302-755A.

Immunoprecipitation $2 - 5 \mu g/mg$ lysate

Immunohistochemistry 1:500 - 1:2,000. 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).

IHC HUMAN CONTROLS Colon Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma

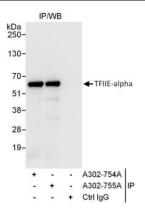
ADDITIONAL INFO https://www.bethyl.com/product/A302-754A

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

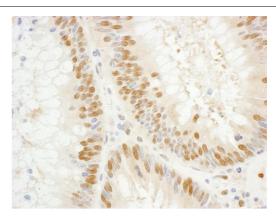
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 GTF2E1/TFIIE-alpha by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-GTF2E1/TFIIE-alpha antibody A302-754A used for IP at 3 μ g/mg lysate. GTF2E1/TFIIE-alpha was also immunoprecipitated by rabbit anti-GTF2E1/TFIIE-alpha antibody A302-755A, which recognizes a downstream epitope. For blotting immunoprecipitated GTF2E1/TFIIE-alpha, A302-755A was used at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Detection of human GTF2E1/TFIIE-alpha by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-GTF2E1/TFIIE-alpha (Cat. No. A302-754A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB