

TFE3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_006512.2
Catalog No. A302-622A	Uniprot ID	P19532
Lot No. 4	GeneID	7030

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
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 TFE3 immobilized on solid support.

The epitope recognized by A302-622A maps to a region between residue 500 and 550 of human transcription factor binding to IGHM enhancer 3 using the numbering given in entry NP_006512.2 (GeneID 7030).

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

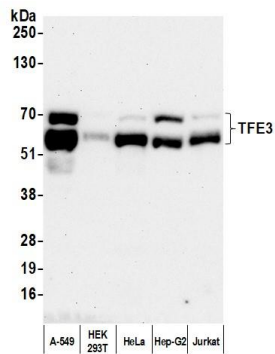
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2000 – 1:10,000
Immunoprecipitation	6 µg/mg lysate

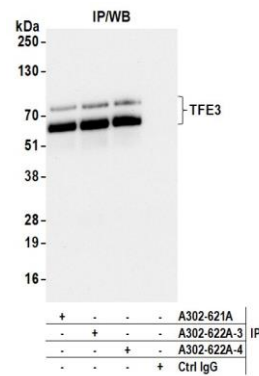
ADDITIONAL INFO <https://www.fortislife.com/p/A302-622A>

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

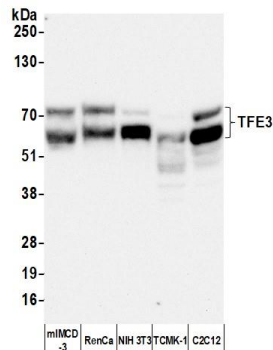
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: July 24, 2024



Detection of human TFE3 by western blot. *Samples:* Whole cell lysate (50 µg) from A-549, HEK293T, HeLa, Hep-G2, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TFE3 antibody (A302-622A) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human TFE3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from A-549 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TFE3 antibody (A302-622A) used for IP at 6 µg per reaction. TFE3 was also immunoprecipitated by a previous lot of this antibody (A302-621A) and a second antibody against a different epitope of TFE3 (A302-622A lot 3). For blotting immunoprecipitated TFE3, A302-622A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse TFE3 by western blot. *Samples:* Whole cell lysate (50 µg) from mIMCD-3, RenCa, NIH 3T3, TCMK-1, and C2C12 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TFE3 antibody (A302-622A) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.