

# TFG Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001007566.1

Catalog No. A302-342A

GeneID 10342

Lot No. A302-342A-2



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to TFG immobilized on solid support.  The epitope recognized by A302-342A maps to a region between residue 175 and 225 of human TRK-fused gene using the numbering given in entry NP_001007566.1 (GeneID 10342).  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

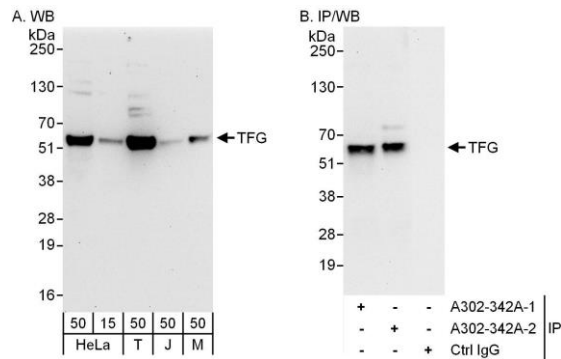
**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A302-342A>

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](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 TFG by western blot (h&m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g), Jurkat (J; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. *Antibodies:* Affinity purified rabbit anti-TFG antibody A302-342A (lot A302-342A-2) used for WB at 0.1  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 10  $\mu$ g/mg lysate. TFG was also immunoprecipitated by a prior lot (lot A302-342A-1) of this antibody. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).