

FAM53C Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001129119.1

Catalog No. A304-142A

GeneID 51307

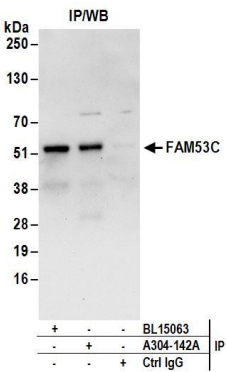
Lot No. A304-142A-1



APPLICATIONS	IP				
SPECIES REACTIVITY	Human				
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, 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 FAM53C immobilized on solid support. The epitope recognized by A304-142A maps to a region between residue 342 to 392 of human Family With Sequence Similarity 53, Member C using the numbering given in entry NP_001129119.1 (GeneID 51307). 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. <table><tr><td>Western Blot</td><td>Not recommended. A304-142A has not performed satisfactorily when used for WB of FAM53C in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of FAM53C.</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr></table>	Western Blot	Not recommended. A304-142A has not performed satisfactorily when used for WB of FAM53C in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of FAM53C.	Immunoprecipitation	2 – 10 µg/mg lysate
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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).				
ADDITIONAL INFO	https://www.bethyl.com/product/A304-142A 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 FAM53C 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-FAM53C antibody A304-142A (lot A304-142A-1) used for IP at 6 µg/mg lysate. FAM53C was also immunoprecipitated by rabbit anti-FAM53C antibody BL15063. For blotting immunoprecipitated FAM53C, A304-142A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.