

FMR1 /FMRP Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q86787.1

Catalog No. A305-200A-T GenelD 2332

Lot No. A305-200A-T-1

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	10 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 FMR1 immobilized on solid support.

The epitope recognized by A305-200A-T maps to a region between residue 582 to 632 of human BL number not found in Peptide Word Document using the numbering given in entry Q86787.1 (GeneID 2332).

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

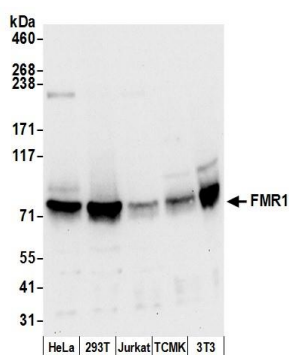
Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 - 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A305-200A-T>

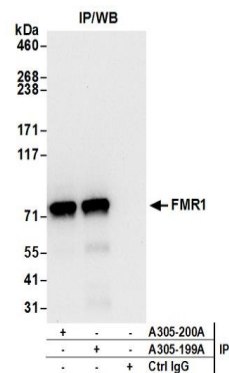
Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of human and mouse FMR1 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-FMR1 antibody A305-200A (lot A305-200A-1) used for WB at 0.1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.



Detection of human FMR1 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. **Antibodies:** Affinity purified rabbit anti-FMR1 antibody A305-200A (lot A305-200A-1) used for IP at 6 µg per reaction. FMR1 was also immunoprecipitated by rabbit anti-FMR1 antibody A305-199A. For blotting immunoprecipitated FMR1, A305-200A was used at 0.4 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.