

G3BP2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_036429.2
Catalog No. A302-040A	Uniprot ID	Q9UN86
Lot No. 5	GeneID	9908

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse 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 G3BP2 immobilized on solid support.

The epitope recognized by A302-040A maps to a region between residue 275 and 325 of human GTPase activating protein (SH3 domain) binding protein 2 using the numbering given in entry NP_036429.2 (GeneID 9908).

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	1:10,000 – 1:25,000
Immunoprecipitation	2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.fortislifesciences.com/p/A302-040A>

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: August 4, 2023



Detection of human G3BP2 by western blot. *Samples:* Whole cell lysate (10 µg) from HEK293T, MCF-7, Jurkat, HeLa, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-G3BP2 antibody (A302-040A lot 5) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.

Detection of human G3BP2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-G3BP2 antibody (A302-040A lot 5) used for IP at 6 µg per reaction. G3BP2 was also immunoprecipitated by a previous lot of this antibody (A302-040A lot 4) and a second antibody against a different epitope of G3BP2 (A302-041A). For blotting immunoprecipitated G3BP2, A302-040A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.