

# RanBP2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_006258.3

Catalog No. A301-796A

GeneID 5903

Lot No. A301-796A-3



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 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-buffered Saline containing 0.1% BSA and 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 RanBP2 immobilized on solid support.

The epitope recognized by A301-796A maps to a region between residue 1050 and 1100 of human RAN binding protein 2 using the numbering given in entry NP\_006258.3 (GeneID 5903).

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

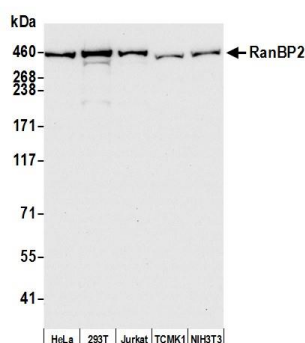
Immunoprecipitation 2 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-796A>

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

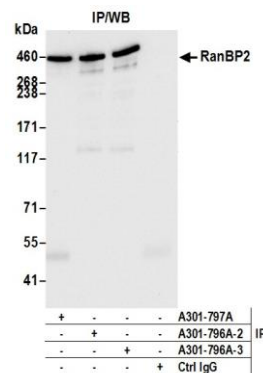
IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

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: July 28, 2020



#### Detection of human and mouse RanBP2 by western blot.

**Samples:** Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-RanBP2 antibody A301-796A (lot A301-796A-3) used for WB at 0.04 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.



#### Detection of human RanBP2 by western blot of immunoprecipitates.

**Samples:** Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. **Antibodies:** Affinity purified rabbit anti-RanBP2 antibody A301-796A (lot A301-796A-3) used for IP at 6 µg per reaction. RanBP2 was also immunoprecipitated by a previous lot of this antibody (lot A301-796A-2) and rabbit anti-RanBP2 antibody A301-797A. For blotting immunoprecipitated RanBP2, A301-796A was used at 0.04 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 seconds.