

## Anti-WAC Antibody

Catalog Number: A04941

### About WAC

The WW domain containing adaptor with coiled-coil protein (WAC) contains a WW domain that mediates protein-protein interactions and colocalizes with RNA splicing factor SC35. Further studies have indicated that WAC is a functional partner of the RNF20/40 complex that ubiquitinates Histone H2B, and that WAC regulates H2B ubiquitination. WAC targets RNF20/40 to associate with RNA polymerase II complex for H2B ubiquitination at active transcription sites. WAC-dependent transcription is also important for cell-cycle checkpoint activation in response to genotoxic stress.

### Overview

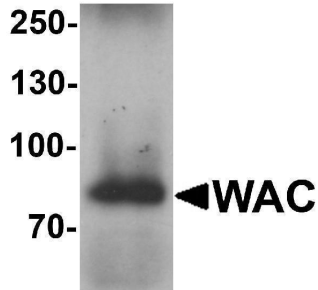
Product Name	Anti-WAC Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-WAC Antibody (Catalog # A04941). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	WAC Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	WAC antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9BTA9

### Technical Details

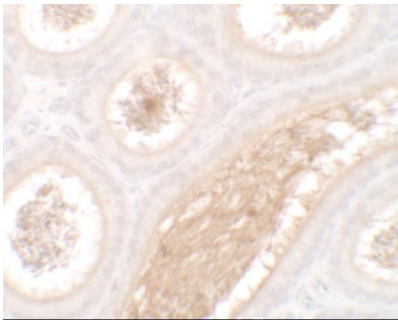
Immunogen	WAC antibody was raised against a 19 amino acid peptide near the center of human WAC. The immunogen is located within amino acids 210 - 260 of WAC.
Predicted Reactive Species	Guinea Pig, Rabbit, Rat
Cross Reactivity	At least two isoforms of WAC are known to exist; this antibody will detect the larger isoform.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	WAC Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	WAC Antibody can be used for detection of WAC by Western blot at 1 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

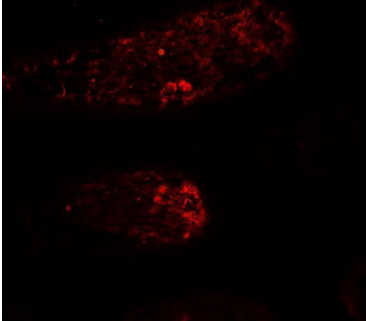
## Anti-WAC Antibody (A04941) Images



Western blot analysis of WAC in human testis tissue lysate with WAC antibody at 1 ug/mL.



Immunohistochemistry of WAC in mouse testis tissue with WAC antibody at 2.5 ug/ml.



Immunofluorescence of WAC in mouse testis tissue with WAC antibody at 5 ug/ml.

### Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-WAC Antibody

For Research Use Only. Not for use in diagnostic procedures.