

## Anti-TCC52 DCAF12 Antibody

Catalog Number: A11802

### About DCAF12

Cancer-testis (CT) antigens are a type of antigen whose expression is highly restricted, primarily in normal testis, but aberrantly in different tumor types. Their immunogenicity in cancer patients makes them prime targets for immunotherapy of human tumors. One such CT antigen is TCC52, a novel centrosomal protein. TCC52 is a WD repeat-containing protein that interacts with the COP9 signalosome, a macromolecular complex that interacts with cullin-RING E3 ligases and regulates their activity by hydrolyzing cullin-Nedd8 conjugates. The normal biological function of this protein is not known at this time.

### Overview

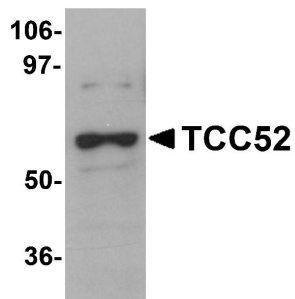
Product Name	Anti-TCC52 DCAF12 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TCC52 DCAF12 Antibody (Catalog # A11802). Tested in ELISA, WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, ICC, WB
Clonality	Polyclonal
Formulation	TCC52 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TCC52 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Chicken
Uniprot ID	Q5T6F0

### Technical Details

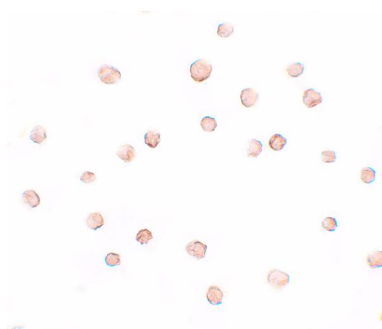
Immunogen	TCC52 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human TCC52. The immunogen is located within amino acids 390 - 440 of TCC52.
Predicted Reactive Species	Bovine, Chicken
Isotype	IgY
Form	Liquid
Concentration	1 mg/mL
Purification	TCC52 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.  
Some PubMed article(s) citing the expression level of this target are as follows:  
Boster Bio's internal QC testing used:  
TCC52 antibody can be used for detection of TCC52 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL.  
Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples.  
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-TCC52 DCAF12 Antibody (A11802) Images



Western blot analysis of TCC52 in 293 cell lysate with TCC52 antibody at 1 ug/mL.



Immunocytochemistry of TCC52 in 293 cells with TCC52 antibody at 2.5 ug/mL.

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