

## Anti-ZBTB9 Antibody

Catalog Number: A12548

### About ZBTB9

The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. ZBTB9, also known as ZNF919, is present in multiple tissues, and is highly expressed in the cytoplasm of the placenta. While little is known about ZBTB9, other ZBTB proteins, such as ZBTB4 bind methylated DNA and repress transcription. Another ZBTB proteins, ZBTB7A, has been implicated as a proto-oncogene whose overexpression contributes to malignancy in breast cancer, suggesting that ZBTB9 may act as a transcriptional repressor or be involved in tumorigenesis.

### Overview

Product Name	Anti-ZBTB9 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZBTB9 Antibody (Catalog # A12548). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZBTB9 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ZBTB9 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	Rabbit
Uniprot ID	Q96C00

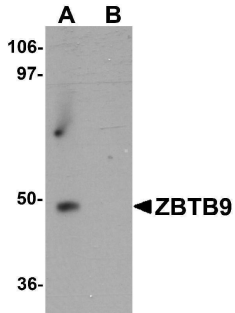
### Technical Details

Immunogen	ZBTB9 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human ZBTB9. The immunogen is located within the first 50 amino acids of ZBTB9.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	This antibody is predicted to not cross-react with other ZBTB protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZBTB9 Antibody is affinity chromatography purified via peptide column.

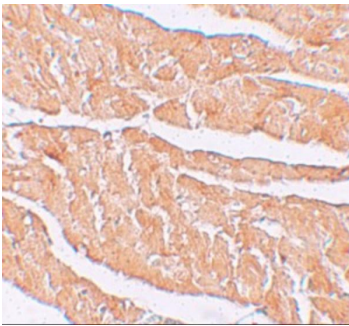
Suggested Dilutions

ZBTB9 antibody can be used for detection of ZBTB9 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 5 ug/mL. Antibody validated: Western Blot in mouse 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.

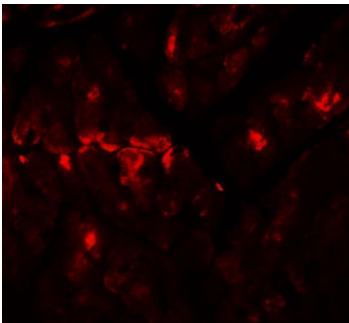
## Anti-ZBTB9 Antibody (A12548) Images



Western blot analysis of ZBTB9 in mouse heart tissue lysate with ZBTB9 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZBTB9 in mouse heart tissue with ZBTB9 antibody at 2.5 ug/mL.



Immunofluorescence of ZBTB9 in mouse heart tissue with ZBTB9 antibody at 20 ug/mL.

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