

## Anti-ZBTB3 Antibody

Catalog Number: A14164

### About ZBTB3

The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. While little is known about ZBTB3, the related protein ZBTB2 is thought to be phosphorylated in response to the DNA damage, probably by either ATM or ATR. Other ZBTB proteins, such as ZBTB4 and ZBTB38 bind methylated DNA and repress transcription, suggesting that ZBTB3 may also act as a transcription repressor.

### Overview

Product Name	Anti-ZBTB3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ZBTB3 Antibody (Catalog # A14164). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZBTB3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ZBTB3 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	Q9H5J0

### Technical Details

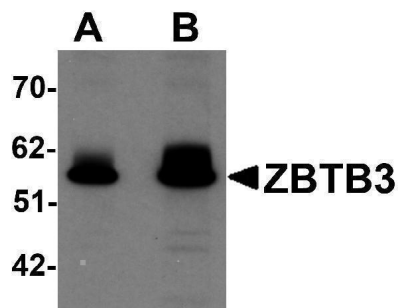
Immunogen	ZBTB3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human ZBTB3. The immunogen is located within amino acids 510 - 560 of ZBTB3.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	At least three isoforms of ZBTB3 are known to exist. This antibody is predicted to not cross-react with other ZBTB protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZBTB3 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

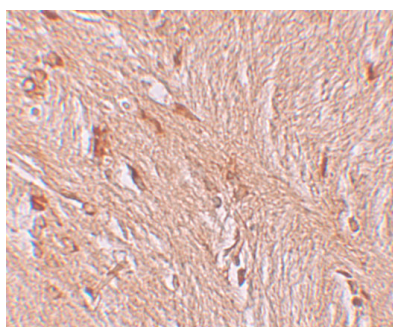
ZBTB3 antibody can be used for detection of ZBTB3 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL.

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

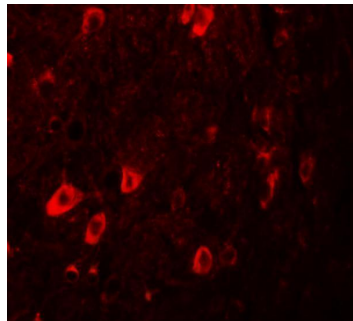
## Anti-ZBTB3 Antibody (A14164) Images



Western blot analysis of ZBTB3 in rat brain tissue lysate with ZBTB3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of ZBTB3 in human brain tissue with ZBTB3 antibody at 2.5 ug/mL.



Immunofluorescence of ZBTB3 in human brain tissue with ZBTB3 antibody at 20 ug/mL.

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Anti-ZBTB3 Antibody

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