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ZBTB8 Antibody
Catalog # ASC11265

Specification

ZBTB8 Antibody - Product Information

Application	**WB, IHC-P, IF, E**
Primary Accession	Q96BR9
Other Accession	CAI20024, 94721342
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**ZBTB8 antibody can be used for detection of ZBTB8 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL.**

ZBTB8 Antibody - Additional Information

Gene ID **653121**

Target/Specificity
ZBTB8A; At least two isoforms of ZBTB8 are known to exist; this antibody will recognize both isoforms. This antibody is predicted to not cross-react with other ZBTB protein family members.

Reconstitution & Storage
ZBTB8 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
ZBTB8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ZBTB8 Antibody - Protein Information

Name ZBTB8A

Synonyms BOZF1

Function
May be involved in transcriptional regulation.

Cellular Location
Nucleus.

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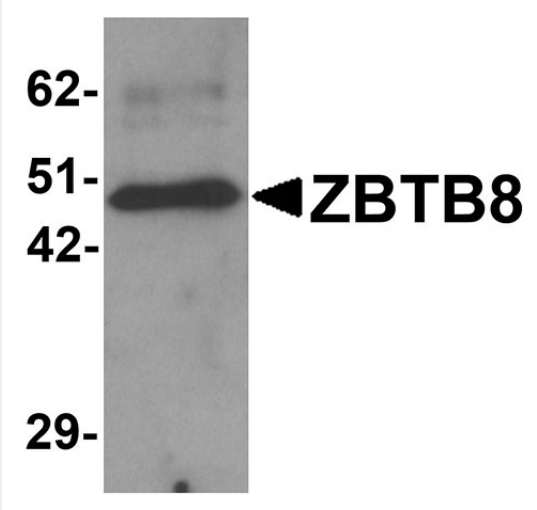
ZBTB8 Antibody - Protocols

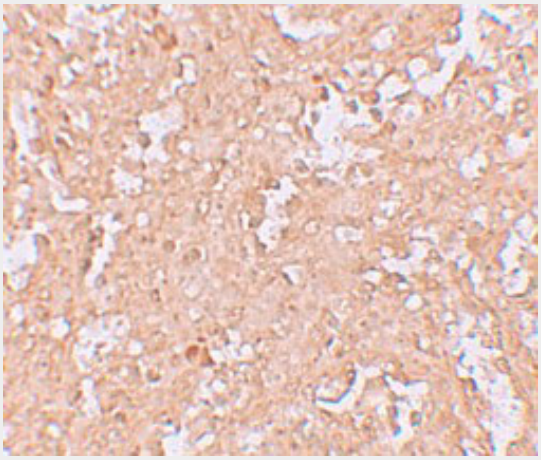
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZBTB8 Antibody - Images



Western blot analysis of ZBTB8 in mouse spleen tissue lysate with ZBTB8 antibody at 1 µg/mL.



Immunohistochemistry of ZBTB8 in human spleen tissue with ZBTB9 antibody at 2.5 µg/mL.

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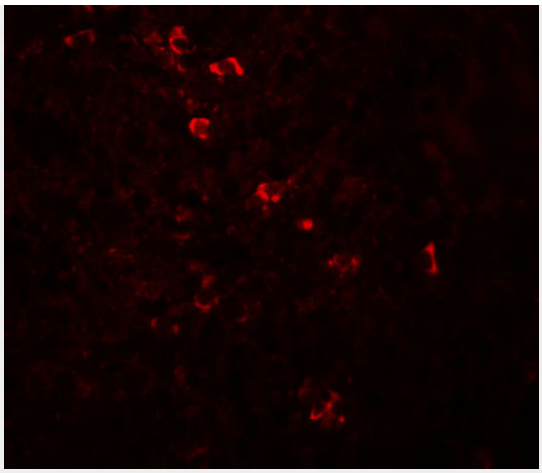

Immunofluorescence ofZBTB8 in human spleen tissue with ZBTB8 antibody at 20 µg/mL.

ZBTB8 Antibody - Background

ZBTB8 Antibody: The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. ZBTB8, also known as BOZ-F1, is present in multiple tissues, and is highly expressed in the cytoplasm of the placenta. While little is known about ZBTB8, 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 ZBTB8 may act as a transcriptional repressor or be involved in tumorigenesis.

ZBTB8 Antibody - References

Filion GJP, Zhenilo S, Salozhin S, et al. A family of zinc finger proteins that bind methylated DNA and repress transcription. Mol. Cell. Biol.2006; 26:169-81.
Qu H, Qu D, Chen F, et al. ZBTB7 overexpression contributes to malignancy in breast cancer. Cancer Invest.2010; 28:672-8.