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ZBTB8 Antibody

Catalog # ASC11265

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q96BR9
Other Accession	CAI20024, 94721342
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	50155
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZBTB8 antibody can be used for detection of ZBTB8 by Western blot at 1 g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 g/mL. For immunofluorescence start at 5 g/mL.

Additional Information

Gene ID	653121
Other Names	Zinc finger and BTB domain-containing protein 8A, BTB/POZ and zinc-finger domain-containing factor, BTB/POZ and zinc-finger domains factor on chromosome 1, BOZ-F1, ZBTB8A, BOZF1
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.

Protein Information

Name	ZBTB8A
Synonyms	BOZF1
Function	May be involved in transcriptional regulation.
Cellular Location	Nucleus.

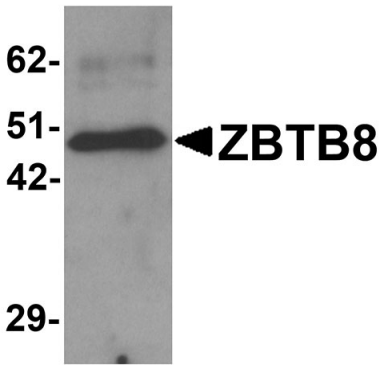
Background

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.

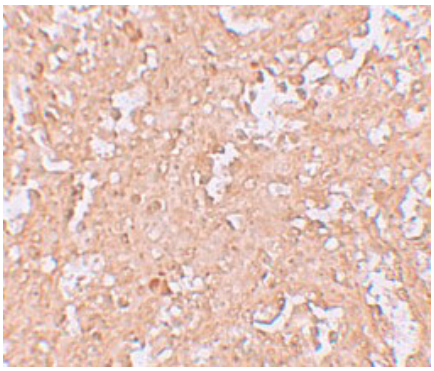
References

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.

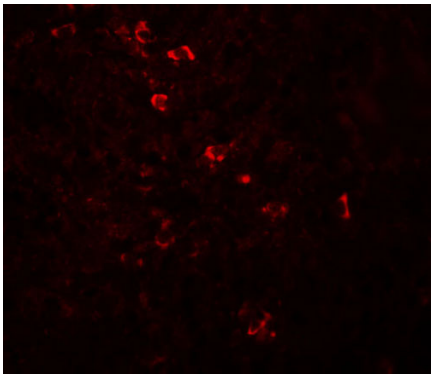
Images



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.



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

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