

ZBTB9 Antibody
Catalog # ASC11266**Specification**

ZBTB9 Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	Q96C00
Other Accession	NP_689948 , 23308693
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ZBTB9 antibody can be used for detection of ZBTB9 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.

ZBTB9 Antibody - Additional InformationGene ID **221504****Target/Specificity**

ZBTB9; This antibody is predicted to not cross-react with other ZBTB protein family members.

Reconstitution & Storage

ZBTB9 antibody can be stored at 4°C for three months and -20°C, 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

ZBTB9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ZBTB9 Antibody - Protein Information**Name** ZBTB9**Function**

May be involved in transcriptional regulation.

Cellular Location

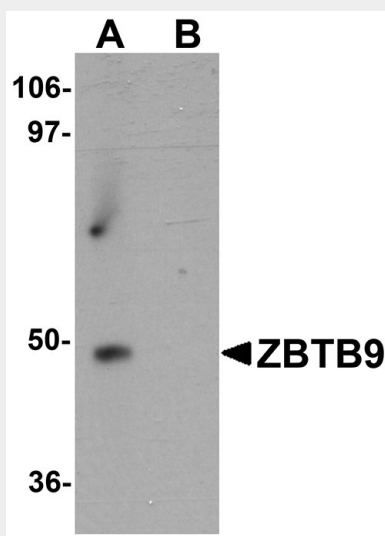
Nucleus.

ZBTB9 Antibody - Protocols

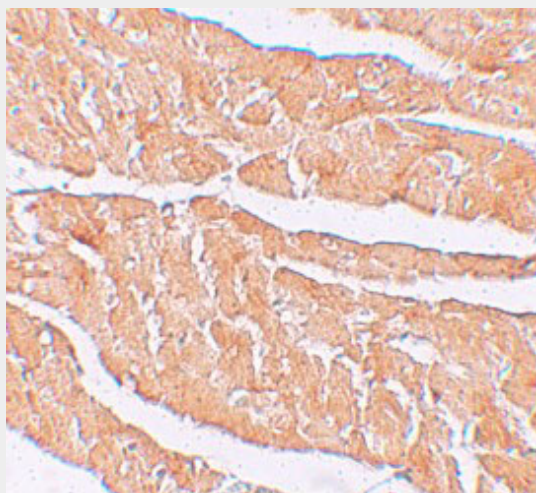
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

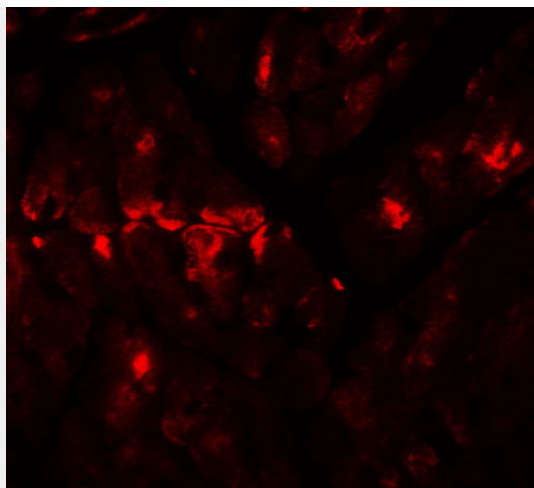
ZBTB9 Antibody - Images



Western blot analysis of ZBTB9 in mouse heart tissue lysate with ZBTB9 antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZBTB9 in mouse heart tissue with ZBTB9 antibody at 2.5 $\mu\text{g/mL}$.



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

ZBTB9 Antibody - Background

ZBTB9 Antibody: 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.

ZBTB9 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.