

## **Product datasheet for TA320149**

## ZBTB9 Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** IF, IHC, WB

**Recommended Dilution:** WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 5 ug/mL

**Reactivity:** Human, Mouse

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** ZBTB9 antibody was raised against a 15 amino acid synthetic peptide near the carboxy

terminus of human ZBTB9.

**Formulation:** ZBTB9 Antibody is supplied in PBS containing 0.02% sodium azide.

**Concentration:** 1ug/ul

**Purification:** ZBTB9 Antibody is affinity chromatography purified via peptide column.

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: zinc finger and BTB domain containing 9

Database Link: NP 689948

Entrez Gene 474156 MouseEntrez Gene 221504 Human

Q96C00

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.

Synonyms: ZNF919

**Protein Families:** Transcription Factors



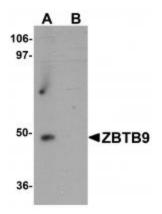
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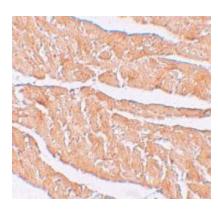
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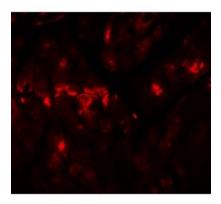
## **Product images:**



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.