

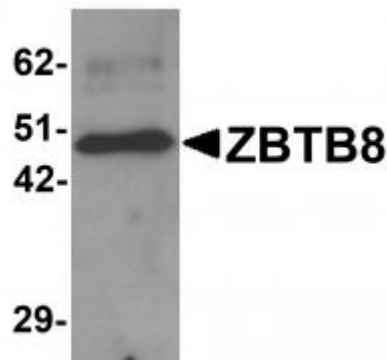
## Polyclonal Antibody to ZBTB8 (C-term) - Aff - Purified

|                            |  |
|----------------------------|--|
| <b>Alternate names:</b>    | BOZ-F1, ZBTB8A, Zinc finger and BTB domain-containing protein 8  |
| <b>Catalog No.:</b>        | TA320199   |
| <b>Quantity:</b>           | 0.1 mg   |
| <b>Background:</b>         | 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. |
| <b>Uniprot ID:</b>         | <a href="#">Q96BR9</a>   |
| <b>NCBI:</b>               | <a href="#">NP_001035531</a>   |
| <b>GenelD:</b>             | <a href="#">653121</a>   |
| <b>Host:</b>               | Rabbit   |
| <b>Immunogen:</b>          | 17 amino acid peptide near the carboxy terminus of human ZBTB8   |
| <b>Format:</b>             | <b>State:</b> Liquid Ig fraction<br><b>Purification:</b> Affinity chromatography purified via peptide column<br><b>Buffer System:</b> PBS containing 0.02% sodium azide  |
| <b>Applications:</b>       | ELISA.<br>Western blot: 1-2 µg/ml.<br>Positive control: Mouse Spleen Tissue Lysate.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.  |
| <b>Specificity:</b>        | This antibody detects ZBTB8 at C-term.<br>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.   |
| <b>Species Reactivity:</b> | <b>Tested:</b> Human, mouse  |
| <b>Storage:</b>            | Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |
| <b>General Readings:</b>   | 1. Filion GJ, Zhenilo S, Salozhin S, Yamada D, Prokhortchouk E, Defossez PA. A family of human zinc finger proteins that bind methylated DNA and repress transcription. Mol Cell Biol. 2006 Jan;26(1):169-81. PubMed PMID: 16354688.<br>2. Qu H, Qu D, Chen F, Zhang Z, Liu B, Liu H. ZBTB7 overexpression contributes to  |

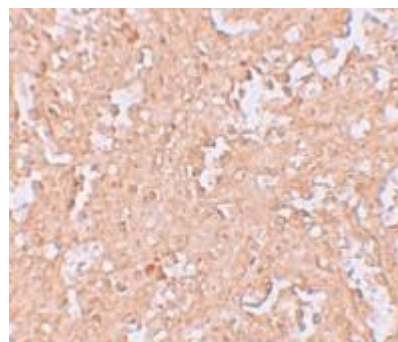
malignancy in breast cancer. Cancer Invest. 2010 Jul;28(6):672-8. doi: 10.3109/07357901003631007. PubMed PMID: 20394500.

**Pictures:**

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



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



Immunofluorescence of ZBTB8 in human spleen tissue with ZBTB8 antibody at 20 ug/mL.

