

ZBTB3 Antibody

Catalog No: #25242

Package Size: #25242 100ul

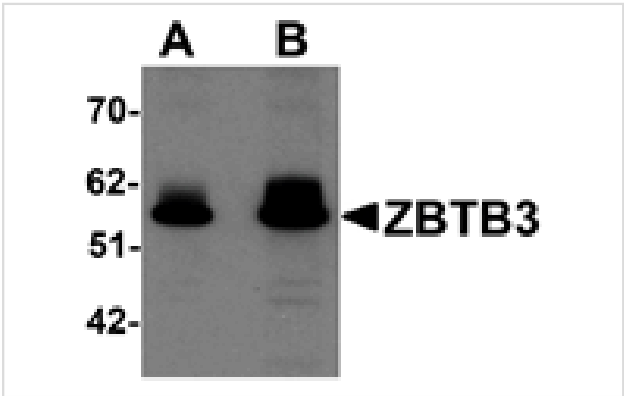


Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

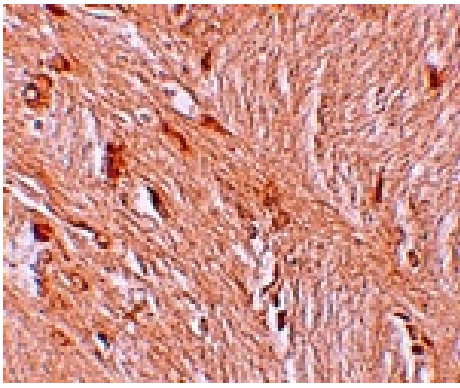
Description

|                       |                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | ZBTB3 Antibody                                                                                                                                                                                  |
| Host Species          | Rabbit                                                                                                                                                                                          |
| Clonality             | Polyclonal                                                                                                                                                                                      |
| Purification          | Affinity chromatography purified via peptide column                                                                                                                                             |
| Applications          | ELISA WB IHC                                                                                                                                                                                    |
| Species Reactivity    | Human;Mouse;Rat                                                                                                                                                                                 |
| Specificity           | At least three isoforms of ZBTB3 are known to exist. This antibody is predicted to not cross-react with other ZBTB protein family members.                                                      |
| Immunogen Type        | Peptide                                                                                                                                                                                         |
| Immunogen Description | Raised against a 17 amino acid peptide near the carboxy terminus of human ZBTB3.                                                                                                                |
| Conjugates            | Unconjugated                                                                                                                                                                                    |
| Target Name           | ZBTB3                                                                                                                                                                                           |
| Other Names           | Zinc finger and BTB domain-containing protein 3                                                                                                                                                 |
| Accession No.         | AAH25249                                                                                                                                                                                        |
| Concentration         | 1mg/ml                                                                                                                                                                                          |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                  |
| Storage               | Can be stored at -20°C, stable for 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. |

Images



Western blot analysis of ZBTB3 in rat brain tissue lysate with ZBTB3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of ZBTB3 in human brain tissue with ZBTB3 antibody at 2.5 ug/mL.

## Background

The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. While little is known about ZBTB3, the related protein ZBTB2 is thought to be phosphorylated in response to the DNA damage, probably by either ATM or ATR. Other ZBTB proteins, such as ZBTB4 and ZBTB38 bind methylated DNA and repress transcription, suggesting that ZBTB3 may also act as a transcription repressor.

## Published Papers

el at., LncKdm2b controls self-renewal of embryonic stem cells via activating expression of transcription factor Zbtb3. In EMBO J. On 2018 Apr 13 by Ye B, Liu B et al..PMID: 29535137, , (2018)

[PMID:29535137](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.