ZBTB3 Antibody

Catalog No: #25242

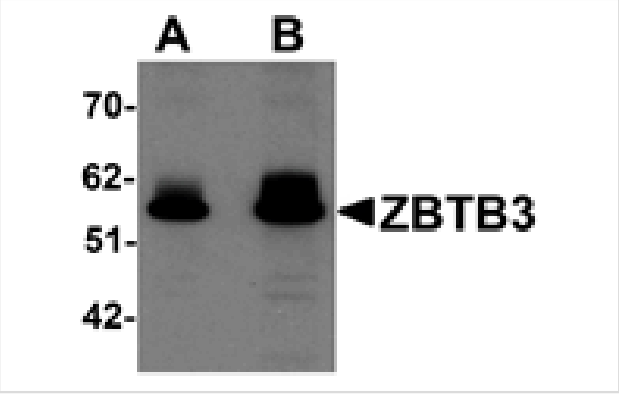
Package Size: #25242 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

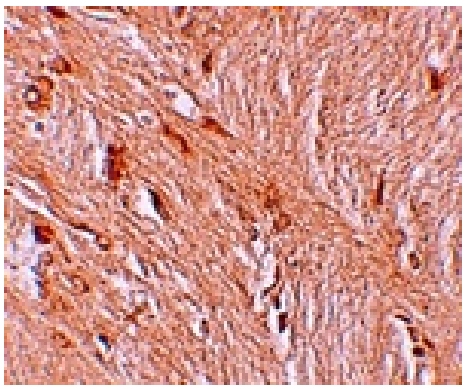
Description

Product Name	ZBTB3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
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.	Swiss-Prot:Q9H5J0Gene ID:
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.