

**ZBTB6 Antibody**  
Catalog # ASC11263

**Specification**

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**ZBTB6 Antibody - Product Information**

Application	WB, ICC, IF
Primary Accession	<a href="#">Q15916</a>
Other Accession	<a href="#">AAH37282</a> , <a href="#">5730122</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ZBTB6 antibody can be used for detection of ZBTB6 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

**ZBTB6 Antibody - Additional Information**

Gene ID **10773**

**Target/Specificity**

ZBTB6; At least two isoforms of ZBTB6 are known to exist; this antibody will only recognize the shorter isoform. This antibody is predicted to not cross-react with other ZBTB protein family members.

**Reconstitution & Storage**

ZBTB6 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**

ZBTB6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ZBTB6 Antibody - Protein Information**

**Name** ZBTB6

**Synonyms** ZID, ZNF482

**Function**

May be involved in transcriptional regulation.

**Cellular Location**

Nucleus.

**Tissue Location**

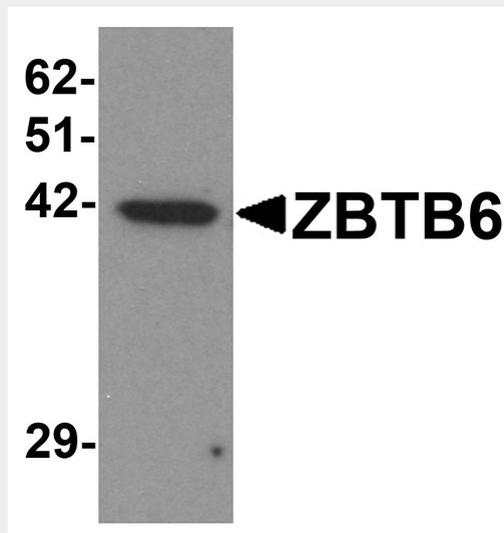
Widely expressed with highest levels in brain.

## ZBTB6 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](#)

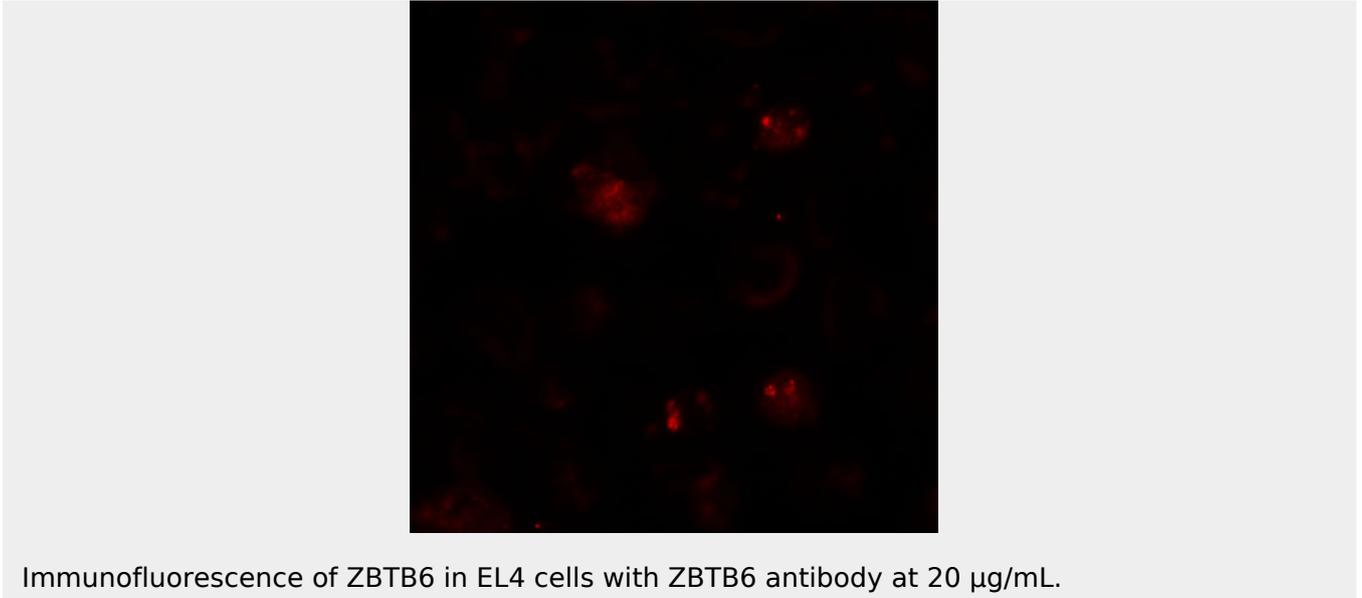
## ZBTB6 Antibody - Images



Western blot analysis of ZBTB6 in EL4 cell lysate with ZBTB6 antibody at 1  $\mu$ g/mL.



Immunocytochemistry of ZBTB6 in EL4 cells with ZBTB6 antibody at 5  $\mu$ g/mL.



### **ZBTB6 Antibody - Background**

**ZBTB6 Antibody:** The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. ZBTB6, also known as ZNF482, is highly expressed in brain. While little is known about ZBTB6, other ZBTB proteins, such as ZBTB4 bind methylated DNA and repress transcription. Another ZBTB family member, ZBTB5, also acts as a transcriptional repressor, and can interact with co-repressor histone deacetylase complexes such as BCoR, NCoR, and SMRT via its POZ domain, suggesting that ZBTB6 may also act as a transcriptional repressor.

### **ZBTB6 Antibody - References**

Strausberg RL, Feingold EA, Grouse LH, et al. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. *Proc. Natl. Acad. Sci. USA*2002; 99:16899-903.  
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.  
Koh D, Choi W, Jeon B, et al. A novel POK family transcription factor, ZBTB5, represses transcription of p21CIP1 gene. *J. Biol. Chem.*2009; 284:19856-66.