

**ZNF238 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21938b****Specification**

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**ZNF238 Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q99592</a>
Other Accession	<a href="#">Q9WUK6</a> , <a href="#">Q9JKY3</a>
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	58354

**ZNF238 Antibody (C-Term) - Additional Information****Gene ID** 10472**Other Names**

Zinc finger and BTB domain-containing protein 18, 58 kDa repressor protein, Transcriptional repressor RP58, Translin-associated zinc finger protein 1, TAZ-1, Zinc finger protein 238, Zinc finger protein C2H2-171, ZBTB18, RP58, TAZ1, ZNF238

**Target/Specificity**

This ZNF238 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 318-331 amino acids from human ZNF238.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ZNF238 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZNF238 Antibody (C-Term) - Protein Information****Name** ZBTB18

**Synonyms** RP58, TAZ1, ZNF238

**Function** Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. May also play a role in the organization of chromosomes in the nucleus.

**Cellular Location**

Nucleus. Note=Associates with condensed chromatin

**Tissue Location**

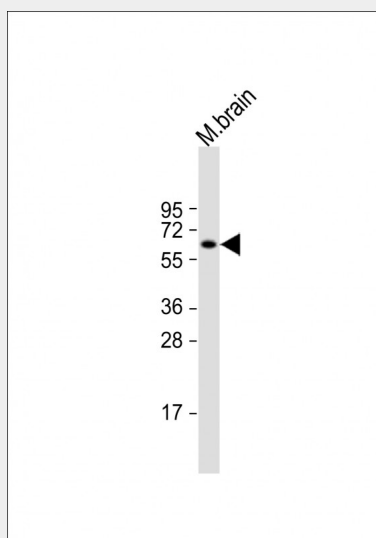
Lymphoid tissues, testis, heart, brain, skeletal muscle, and pancreas and, at much lower level, other tissues

**ZNF238 Antibody (C-Term) - 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](#)

**ZNF238 Antibody (C-Term) - Images**



Anti-ZNF238 Antibody (C-Term) at 1:2000 dilution + mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

**ZNF238 Antibody (C-Term) - Background**

Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. Specifically binds the consensus DNA sequence 5'- [AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. May also play a role in the organization of chromosomes in the nucleus.

#### **ZNF238 Antibody (C-Term) - References**

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Aoki K.,et al.J. Biol. Chem. 273:26698-26704(1998).  
Meng G.,et al.Gene 242:59-64(2000).  
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Gregory S.G.,et al.Nature 441:315-321(2006).