

## Cbfa2t2 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al11244

## **Specification**

## Cbfa2t2 antibody - middle region - Product Information

Application WB
Primary Accession 070374

Other Accession NM 172860, NP 766448

Reactivity Human, Mouse, Rat, Rabbit, Pig, Horse,

Bovine, Dog

Predicted Human, Mouse, Rat, Rabbit, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 66kDa KDa

## Cbfa2t2 antibody - middle region - Additional Information

**Gene ID** 12396

Alias Symbol A430091M07, C330013D05Rik, Cbfa2t2h,

MTGR1

**Other Names** 

Protein CBFA2T2, MTG8-like protein, MTG8-related protein 1, Cbfa2t2, Cbfa2t2h, Mtgr1

#### **Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

## **Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Cbfa2t2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

### **Precautions**

Cbfa2t2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

# **Cbfa2t2 antibody - middle region - Protein Information**

Name Cbfa2t2

Synonyms Cbfa2t2h, Mtgr1

### **Function**

Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Via association with PRDM14 is involved in regulation of embryonic stem cell (ESC) pluripotency. Involved in primordial germ cell (PCG) formation (PubMed:<a href="http://www.uniprot.org/citations/27281218" target="\_blank">27281218</a>). Stabilizes



PRDM14 and OCT4 on chromatin in a homooligomerization-dependent mannerCan repress the expression of MMP7 in a ZBTB33-dependent manner (By similarity). Through heteromerization with CBFA2T3/MTG16 may be involved in regulation of the proliferation and the differentiation of erythroid progenitors by repressing the expression of TAL1 target genes (PubMed:<a href="http://www.uniprot.org/citations/19799863" target="\_blank">19799863</a>). Required for the maintenance of the secretory cell lineage in the small intestine (PubMed:<a href="http://www.uniprot.org/citations/16227606" target="\_blank">16227606</a>). Can inhibit Notch signaling probably by association with RBPJ and may be involved in GFI1-mediated Paneth cell differentiation (PubMed:<a href="http://www.uniprot.org/citations/25398765" target="\_blank">25398765</a>).

### **Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00440}.

#### **Tissue Location**

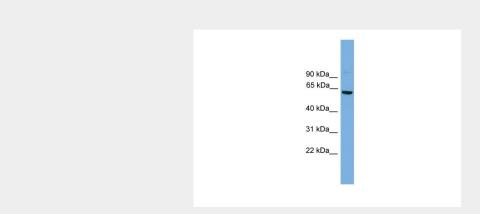
Expressed in embryonic stem cells.

## Cbfa2t2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Cbfa2t2 antibody - middle region - Images



WB Suggested Anti-Cbfa2t2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500
Positive Control: Mouse Brain