

Cbfa2t2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11244

Product Information

Application	WB
Primary Accession	O70374
Other Accession	NM_172860 , NP_766448
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65904

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.

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: 27281218). 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:[19799863](#)). Required for the maintenance of the secretory cell lineage in the small intestine (PubMed:[16227606](#)). Can inhibit Notch signaling probably by association with RBPJ and may be involved in GFI1-mediated Paneth cell differentiation (PubMed:[25398765](#)).

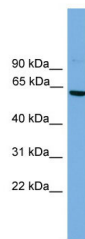
Cellular Location

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

Tissue Location

Expressed in embryonic stem cells.

Images



WB Suggested Anti-Cbfa2t2 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:1562500
Positive Control: Mouse Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.