

**Atf7ip Antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12052****Specification**

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**Atf7ip Antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">Q7TT18</a>
Other Accession	<a href="#">NM_019426</a> , <a href="#">NP_062299</a>
Reactivity	Mouse, Rat, Pig
Predicted	Mouse, Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	138kDa KDa

**Atf7ip Antibody - middle region - Additional Information****Gene ID** 54343**Alias Symbol** **2610204M12Rik, AM, Mcaf1**  
**Other Names**Activating transcription factor 7-interacting protein 1, ATFa-associated modulator, mAM,  
MBD1-containing chromatin-associated factor 1, Atf7ip, Mcaf1**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-Atf7ip 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**

Atf7ip Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**Atf7ip Antibody - middle region - Protein Information****Name** Atf7ip**Synonyms** Mcaf1**Function**

Recruiter that couples transcriptional factors to general transcription apparatus and thereby modulates transcription regulation and chromatin formation. Can both act as an activator or a repressor depending on the context (PubMed:&lt;a href="http://www.uniprot.org/citations/10777215" target="\_blank"&gt;10777215&lt;/a&gt;). Required for HUSH-mediated heterochromatin formation and gene silencing (By similarity). Mediates MBD1-dependent transcriptional repression, probably by recruiting complexes containing SETDB1.

Stabilizes SETDB1, is required to stimulate histone methyltransferase activity of SETDB1 and facilitates the conversion of dimethylated to trimethylated H3 'Lys-9' (H3K9me3). The complex formed with MBD1 and SETDB1 represses transcription and couples DNA methylation and histone H3 'Lys-9' trimethylation (H3K9me3) (PubMed:<a href="http://www.uniprot.org/citations/14536086" target="\_blank">14536086</a>). Facilitates telomerase TERT and TERC gene expression by SP1 in cancer cells (By similarity).

**Cellular Location**

Nucleus.

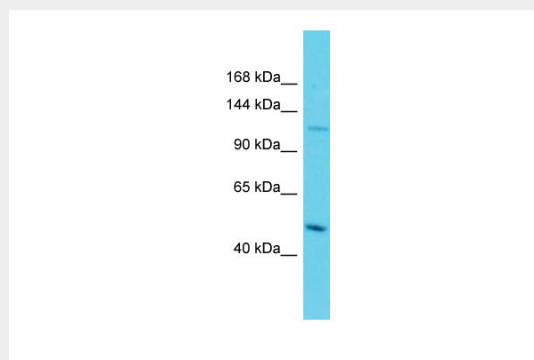
**Tissue Location**

Ubiquitously expressed at all stages studied.

**Atf7ip Antibody - middle region - 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](#)

**Atf7ip Antibody - middle region - Images**

Host: Rabbit

Target Name: Atf7ip

Sample Tissue: Mouse Lung lysates

Antibody Dilution: 1.0µg/ml