

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

Atf7ip Antibody - middle region - Product Information

Application	WB
Primary Accession	Q7TT18
Other Accession	NM_019426 , NP_062299
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:10777215). 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:14536086). Facilitates telomerase TERT and TERC gene expression by SP1 in cancer cells (By similarity).

Cellular Location

Nucleus.

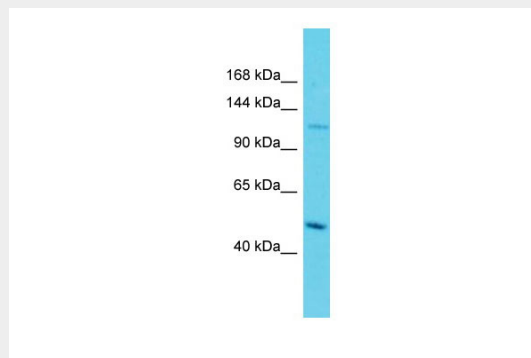
Tissue Location

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