

Atf7ip Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12052

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	138593

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.

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.

Images



Host: Rabbit

Target Name: Atf7ip

Sample Tissue: Mouse Lung lysates

Antibody Dilution: 1.0µg/ml

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