

Product datasheet for **TA342328**

Atf7ip Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Atf7ip antibody is: synthetic peptide directed towards the middle region of Mouse Atf7ip. Synthetic peptide located within the following region: MSTPEGEKSEKDGKAEERVPAEEQPPVRNEFSRRKRKSKSEDMDSVESK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	138 kDa
Gene Name:	activating transcription factor 7 interacting protein
Database Link:	NP_062299 Entrez Gene 54343 Mouse Q7TT18
Background:	Recruiter that couples transcriptional factors to general transcription apparatus and thereby modulates transcription regulation and chromatin formation. Atf7ip can both act as an activator or a repressor depending on the context. It mediates MBD1-dependent transcriptional repression, probably by recruiting complexes containing SETDB1. Atf7ip is required to stimulate histone methyltransferase activity of SETDB1 and facilitate 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). Atf7ip may have ATPase activity.

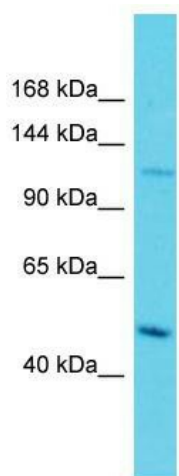


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Synonyms: ATF-IP; FLJ10139; FLJ10688; hAM; MCAF; MCAF1; p621

Note: Immunogen Sequence Homology: Mouse: 100%; Pig: 92%; Rat: 85%

Product images:



Host: Rabbit; Target Name: Atf7ip; Sample Tissue: Mouse Lung lysates; Antibody Dilution: 1.0 ug/ml