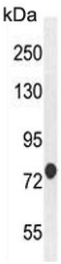
ATF7IP2 Antibody / MCAF2 (F54547)

Catalog No.	Formulation	Size
F54547-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54547-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

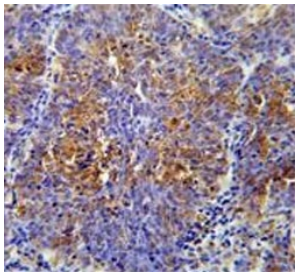
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q5U623
Localization	Nuclear
Applications	Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This ATF7IP2 antibody is available for research use only.



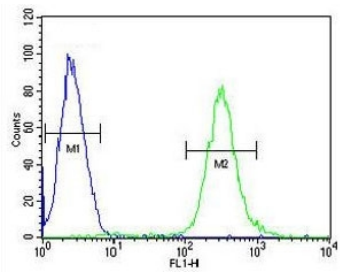
Western blot testing of human CEM cell lysate with ATF7IP2 antibody. Predicted molecular weight ~76 kDa.



Western blot testing of mouse stomach lysate with ATF7IP2 antibody. Predicted molecular weight ~76 kDa.



IHC testing of FFPE human lung carcinoma tissue with ATF7IP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human CEM cells with ATF7IP2 antibody; Blue=isotype control, Green= ATF7IP2 antibody.

Description

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. Mediates MBD1-dependent transcriptional repression, probably by recruiting complexes containing SETDB1. The complex formed with MBD1 and SETDB1 represses transcription and probably couples DNA methylation and histone 'Lys-9' trimethylation activity (Probable).

Application Notes

The stated application concentrations are suggested starting points. Titration of the ATF7IP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 318-347 from the human protein was used as the immunogen for the ATF7IP2 antibody .

Storage

Aliquot the ATF7IP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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