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TFCP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TFCP2.
Catalog # AT4216a

Specification

TFCP2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q12800
Other Accession	BC003634
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a lambda**
Calculated MW	**57256**

TFCP2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 7024

Other Names
Alpha-globin transcription factor CP2, SAA3 enhancer factor, Transcription factor LSF, TFCP2, LSF, SEF

Target/Specificity
TFCP2 (AAH03634, 414 a.a. ~ 502 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TFCP2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TFCP2 Antibody (monoclonal) (M01) - Protocols

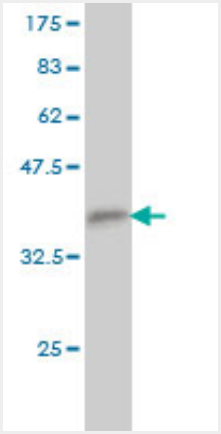
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

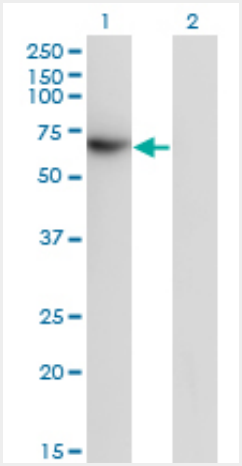
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFCP2 Antibody (monoclonal) (M01) - Images



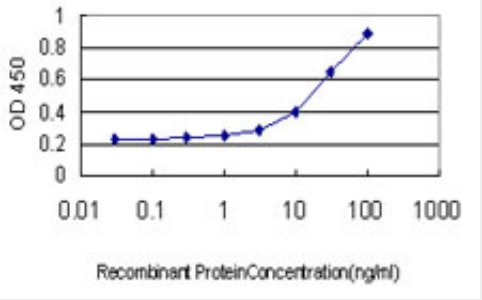
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



Western Blot analysis of TFCP2 expression in transfected 293T cell line by TFCP2 monoclonal antibody (M01), clone 3H6.

Lane 1: TFCP2 transfected lysate(57.3 KDa).
Lane 2: Non-transfected lysate.

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Detection limit for recombinant GST tagged TFCP2 is approximately 0.3ng/ml as a capture antibody.

TFCP2 Antibody (monoclonal) (M01) - Background

This gene encodes a transcription factor that binds the alpha-globin promoter and activates transcription of the alpha-globin gene. The encoded protein regulates erythroid gene expression, plays a role in the transcriptional switch of globin gene promoters, and it activates many other cellular and viral gene promoters. The gene product interacts with certain inflammatory response factors, and polymorphisms of this gene may be involved in the pathogenesis of Alzheimer's disease.

TFCP2 Antibody (monoclonal) (M01) - References

Transcription factor Late SV40 Factor (LSF) functions as an oncogene in hepatocellular carcinoma. Yoo BK, et al. Proc Natl Acad Sci U S A, 2010 May 4. PMID 20404171.The male-determining gene SRY is a hybrid of DGCR8 and SOX3, and is regulated by the transcription factor CP2. Sato Y, et al. Mol Cell Biochem, 2010 Apr. PMID 19902333.No replication of genetic association between candidate polymorphisms and Alzheimer's disease. Cousin E, et al. Neurobiol Aging, 2009 Nov 2. PMID 19889475.The fold recognition of CP2 transcription factors gives new insights into the function and evolution of tumor suppressor protein p53. Kokoszynska K, et al. Cell Cycle, 2008 Sep 15. PMID 18787404.PHB2 interacts with RNF2 and represses CP2c-stimulated transcription. Lee SJ, et al. Mol Cell Biochem, 2008 Dec. PMID 18629613.