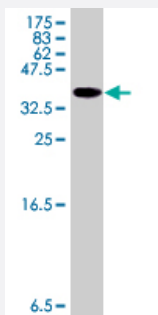


ATF3 polyclonal antibody (A01)

Catalog # H00000467-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ATF3.
Immunogen	ATF3 (NP_001665, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag.
Sequence	MMLQQPGQVSASEVSASAVPCLSPPGSLVFEDFANLTPFVKEELRFAIQNKHLCHRMSSALES VTVSDRPLGVSITKAEVAPEEDERKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ATF3

Entrez GeneID [467](#)

GeneBank Accession# [NM_001674](#)

Protein Accession# [NP_001665](#)

Gene Name ATF3

Gene Alias -

Gene Description activating transcription factor 3

Omim ID [603148](#)

Gene Ontology [Hyperlink](#)

Gene Summary Activating transcription factor 3 is a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. Multiple transcript variants encoding two different isoforms have been found for this gene. The longer isoform represses rather than activates transcription from promoters with ATF binding elements. The shorter isoform (deltaZip2) lacks the leucine zipper protein-dimerization motif and does not bind to DNA, and it stimulates transcription presumably by sequestering inhibitory co-factors away from the promoter. It is possible that alternative splicing of the ATF3 gene may be physiologically important in the regulation of target genes. [provided by RefSeq]

Other Designations ATF3deltaZip2|ATF3deltaZip2c|ATF3deltaZip3|OTTHUMP00000034887|OTTHUMP00000034890

Disease

- [Cardiovascular Diseases](#)
- [Cryptorchidism](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Hypospadias](#)
- [Kidney Failure](#)