

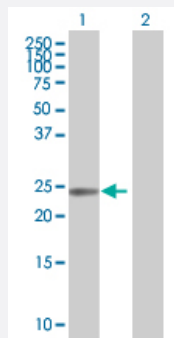
MaxPab®

ATF3 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000467-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ATF3 expression in transfected 293T cell line ([H00000467-T01](#)) by ATF3 MaxPab polyclonal antibody.

Lane 1: ATF3 transfected lysate (19.91 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ATF3 protein.
Immunogen	ATF3 (NP_001665.1, 1 a.a. ~ 181 a.a) full-length human protein.
Sequence	MMLQHPGQVSASEVSASAVPCLSPPGSLVFEDFANLTPFVKEELRFAIQNKHLCHRMSSALES VTVSDRPLGVSITKA EVAPEEDERKKRRRERNKIAAAKCRNKKKEKTECLQKESEKLESVNAELK AQIEELKNEKQHLIYMLNLHRPTCMVRAQNGRTPEDERNLFIQQIKEGTLQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ATF3 expression in transfected 293T cell line ([H00000467-T01](#)) by ATF3 MaxPab polyclonal antibody.

Lane 1: ATF3 transfected lysate(19.91 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ATF3

Entrez GeneID [467](#)

GeneBank Accession# [NM_001674.2](#)

Protein Accession# [NP_001665.1](#)

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

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- [Cryptorchidism](#)

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