



# Anti-ATF3 (aa 1-90) polyclonal antibody (DPAB-DC1991)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This gene is induced by a variety of signals, including many of those encountered by cancer cells, and is involved in the complex process of cellular stress response. Multiple transcript variants encoding different isoforms have been found for this gene. It is possible that alternative splicing of this gene may be physiologically important in the regulation of target genes.
<b>Immunogen</b>	ATF3 (NP_001665, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. The sequence is MMLQQPGQVSASEVSASAIVPCLSPPGSLVFEDFANLTPFVKEELRFAIQNKHLCHRMSS ALESVTVSDRPLGVSITKA EVAPEEDERKK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATF3 activating transcription factor 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ATF3
<b>Synonyms</b>	ATF3; activating transcription factor 3; cyclic AMP-dependent transcription factor ATF-3; cAMP-dependent transcription factor ATF-3;
<b>Entrez Gene ID</b>	<a href="#">467</a>
<b>Protein Refseq</b>	<a href="#">NP_001025458</a>
<b>UniProt ID</b>	<a href="#">P18847</a>
<b>Chromosome Location</b>	1q32.3
<b>Pathway</b>	ATF-2 transcription factor network; Direct p53 effectors; HTLV-I infection; Id Signaling Pathway.
<b>Function</b>	RNA polymerase II regulatory region sequence-specific DNA binding; identical protein binding; protein binding; sequence-specific DNA binding transcription factor activity