



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

Antigen Description	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.
Immunogen	ATF3 (NP_001665, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. The sequence is MMLQQPGQVSASEVSASAIVPCLSPPGSLVFEDFANLTPVKEELRFAIQNKHLCHRMSS ALESVTVSDRPLGVSITKAEVAPEEDERKK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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