



Rabbit Anti-ATF5 monoclonal antibody, clone TE3100 (CABT-L787)

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

PRODUCT INFORMATION

Target	ATF5
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE3100
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	31 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	PC-12, Jurkat, Hela, human tonsil tissue, mouse stomach tissue, human liver cancer tissue, mouse heart tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Eukaryotic gene transcription is regulated by sequence-specific transcription factors that bind modular cis acting promoter and enhancer elements. The ATF/CREB transcription factor family binds the palindromic cAMP response element (CRE) octanucleotide TGACGTCA. The best characterized members of this gene family include CREB-1, CREB-2 (also designated ATF-4), CRE-BPa, LZIP (also designated CREB3 and Luman), CREM-1, CREM-2, ATF-1, ATF-2, ATF-3, ATF-5, ATF-6 and ATF-7. This family of proteins contain highly divergent N-terminal domains, but share a C-terminal leucine zipper for dimerization and DNA binding. ATF-5 (ATFx), which can localize to the cytoplasm or the nucleus, binds DNA as a dimer. It interacts with CCND3 and PTP4A1.
Keywords	Activating transcription factor 5 alpha/beta;Activating transcription factor 5;Activating transcription factor X;AFTA;ATF 5;ATF 7;ATF7;ATFX;BZIP protein ATF7;cAMP dependent transcription factor ATF 5;cAMP dependent transcription factor ATF5;Cyclic AMP dependent transcription factor ATF 5;Cyclic AMP dependent transcription factor ATF5;FLJ34666;HMFN0395;MGC102397;NAP1;NRIF3 associated protein;ODA 10;Transcription factor ATFx;Transcription factor like protein ODA 10;Transcription factor like protein ODA10 antibody

GENE INFORMATION

Entrez Gene ID	6387
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