

# ATF5 Conjugated Antibody

Catalog No: #C49148

Package Size: #C49148-AF350 100ul #C49148-AF405 100ul #C49148-AF488 100ul

#C49148-AF555 100ul #C49148-AF594 100ul #C49148-AF647 100ul

#C49148-AF680 100ul #C49148-AF750 100ul #C49148-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	ATF5 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Activating transcription factor 5 alpha/beta antibody Activating transcription factor 5 antibody Activating transcription factor X antibody AFTA antibody ATF 5 antibody ATF 7 antibody ATF7 antibody ATFX antibody BZIP protein ATF7 antibody cAMP dependent transcription factor ATF 5 antibody cAMP dependent transcription factor ATF5 antibody Cyclic AMP dependent transcription factor ATF 5 antibody Cyclic AMP dependent transcription factor ATF5 antibody FLJ34666 antibody HMFN0395 antibody MGC102397 antibody NAP1 antibody NRIF3 associated protein antibody ODA 10 antibody Transcription factor ATFx antibody Transcription factor like protein ODA 10 antibody Transcription factor like protein ODA10 antibody
Accession No.	Swiss-Prot#:Q9Y2D1
Uniprot	Q9Y2D1
GeneID	22809;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	31 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

---

## Background

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.

---

Note: This product is for in vitro research use only