

## ATF2 (Phospho-Thr71) Conjugated Antibody

Catalog No: #C14183



Package Size: #C14183-AF350 100ul #C14183-AF405 100ul #C14183-AF488 100ul  
 #C14183-AF555 100ul #C14183-AF594 100ul #C14183-AF647 100ul  
 #C14183-AF680 100ul #C14183-AF750 100ul #C14183-Biotin 100ul

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## Description

Product Name	ATF2 (Phospho-Thr71) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Phospho-ATF2 (T71) Antibody detects endogenous levels of Phospho-ATF2 (T71)
Immunogen Description	A synthesized peptide derived from human Phospho-ATF2 (T71)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ATF2, Activating 2, CREB2, CREBP1, Cyclic-AMP-dependent ATF-2, HB16, MXBP protein, cAMP response element binding protein CRE-BP1;
Accession No.	Uniprot:P15336
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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	70kDa
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

## Product Description

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The transcription factor ATF-2 (also called CRE-BP1) binds to both AP-1 and CRE DNA response elements and is a member of the ATF/CREB family of leucine zipper proteins. ATF-2 interacts with a variety of viral oncoproteins and cellular tumor suppressors and is a target of the SAPK/JNK and p38 MAP kinase signaling pathways. Various forms of cellular stress, including genotoxic agents, inflammatory cytokines, and UV irradiation, stimulate the transcriptional activity of ATF-2. Cellular stress activates ATF-2 by phosphorylation of Thr69 and Thr71.

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Note: This product is for in vitro research use only