

ATF7 Conjugated Antibody

Catalog No: #C49240



Package Size: #C49240-AF350 100ul #C49240-AF405 100ul #C49240-AF488 100ul
 #C49240-AF555 100ul #C49240-AF594 100ul #C49240-AF647 100ul
 #C49240-AF680 100ul #C49240-AF750 100ul #C49240-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	ATF7 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	1110012F10Rik antibody 9430065F09Rik antibody Activating transcription factor 7 antibody AI549878 antibody ATF7 antibody Atf7 protein antibody ATF7_HUMAN antibody ATFA antibody C130020M04Rik antibody cAMP-dependent transcription factor ATF-7 antibody Cyclic AMP-dependent transcription factor ATF 7 antibody Cyclic AMP-dependent transcription factor ATF-7 antibody MGC31554 antibody MGC57182 antibody Transcription factor ATF A antibody Transcription factor ATF-A antibody
Accession No.	Swiss-Prot#:P17544
Uniprot	P17544
GeneID	11016;
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	53 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

Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family. Isoform 4/ATF-A0 acts as a dominant repressor of the E-selectin/NF-ELAM1/delta-A promoter. Isoform 5/ATF-4 acts as a negative regulator, inhibiting both ATF2 and ATF7 transcriptional activities. It may exert these effects by sequestering in the cytoplasm the Thr-53 phosphorylating kinase, preventing activation.

Note: This product is for in vitro research use only