Human/Mouse ATF2 Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4455G
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse ATF2 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human ATF2 Val270-Ser505 Accession # P15336
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

ATF2 is a member of the bzip family of transcription factors. ATF2 responds to cAMP activation in cells by either homo or hetero dimerizing with c-Jun and binding to cAMP response elements (TGACGTCA). ATF2 also contains histone acetylase activity that can be induced by ionizing radiation. ATF2 can be phosphorylated by a variety of kinases (JNK, p38, ATM), and this phosphorylation correlates with increased activity.

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