

Datasheet: AHP3027

BATCH NUMBER 160749

Description:	RABBIT ANTI HUMAN ATF1
Specificity:	ATF1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human ATF1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.035% Sodium Azide (NaN ₃) 30% Glycerol
Carrier Free	Yes
Immunogen	A peptide within the C-terminal region of human ATF1

External Database Links

UniProt:
[P18846](#) [Related reagents](#)

Entrez Gene:[466](#) ATF1 [Related reagents](#)

Specificity **Rabbit anti Human ATF1 antibody** recognizes cyclic AMP-dependent transcription factor ATF1, also known as activating transcription factor 1 or protein TREB36.

ATF1 is a protein belonging to the ATF subfamily of the bZIP (basic-region leucine zipper) family involved in the regulation of the expression of genes involved in several cellular processes including cell growth and survival. The ATF1 protein is phosphorylated at serine 63 in its kinase-inducible domain by several serine/threonine kinases, including cAMP-dependent protein kinase A and cyclin-dependent kinase 3 (CDK3). Phosphorylation of ATF1 at serine 63 enhances its transactivation and transcriptional activity, thereby enhancing cell transformation ([Zheng et al. 2008](#)).

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3027>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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