ATF5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATF5, Polyclonal Antibody
Full Product Name	ATF5 Antibody, FITC Conjugated
Product Gene Name	anti-ATF5 antibody
Product Synonym Names	Cyclic AMP-dependent Transcription factor ATF-5 (cAMP-dependent Transcription factor ATF-5) (Activating Transcription factor 5) (Transcription factor ATFx); ATF5; ATFX
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ATF5 (MBS7134247) FITC Conjugated Antibody: ATF5 (MBS7134249)
Molecular Weight	30,674 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (50431959..50437193). Location: 19q13.3
OMIM	606398
3D Structure	ModBase 3D Structure for Q9Y2D1
Immunogen	Recombinant Human Cyclic AMP-dependent transcription factor ATF-5 protein (1-282AA)
Immunogen Species	Human
Conjugate	FITC
Product Categories/Family for anti-ATF5 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ATF5 antibody	ELISA (EIA)
Related Product Information for anti-ATF5 antibody	MBS7134249 is an antibody targeting ATF5. Also known as ATF5 Antibody, FITC Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-ATF5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATF5. It may not necessarily be applicable to this product.

NCBI GI #	302370956
NCBI GeneID	22809
NCBI Accession #	NP_001180575.1
UniProt Primary Accession #	Q9Y2D1
UniProt Secondary Accession #	Q9BSA1; Q9UNQ3; B3KND3
UniProt Related Accession #	Q9Y2D1
GenBank Nucleotide #	NM_001193646.1
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-5
NCBI Official Synonym Full Names	activating transcription factor 5
NCBI Official Symbol	ATF5
NCBI Official Synonym Symbols	ATFX; HMFN0395
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-5
UniProt Synonym Protein Names	Activating transcription factor 5; Transcription factor ATFx
Protein Family	Cyclic AMP-dependent transcription factor
UniProt Gene Name	ATF5
UniProt Synonym Gene Names	ATFX; cAMP-dependent transcription factor ATF-5
UniProt Entry Name	ATF5_HUMAN
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-5; transcription factor ATFx; cAMP-dependent transcription factor ATF-5
UniProt Comments for ATF5	ATF-5: Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by CCND3 and slightly inhibited by CDK4. Belongs to the bZIP family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: nucleoplasm; transcription factor complex; cytoplasm Molecular Function: protein binding; heat shock protein binding; transcription corepressor activity Biological Process: circadian rhythm; regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent; olfactory bulb interneuron development; multicellular organism growth; negative regulation of astrocyte differentiation; positive regulation of transcription from RNA polymerase II promoter; negative regulation of apoptosis; post-embryonic development
Research Articles on ATF5	**1.** The evidence suggests a role for ATF5 in the regulation of osteogenic differentiation in adipose-derived stem cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/atf5/7134249