

Datasheet for ABIN1706743
anti-ATF5 antibody (Cy5.5)



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Overview

Quantity:	100 µL
Target:	ATF5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF5 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ATF5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ATF5
Alternative Name:	Atf5 (ATF5 Products)
Background:	Synonyms: Activating transcription factor 5 alpha/beta, Activating transcription factor 5, Activating transcription factor X, AFTA, ATF 5, ATF 7, ATF7, ATFX, BZIP protein ATF7, cAMP

Target Details

dependent transcription factor ATF 5, cAMP dependent transcription factor ATF5, Cyclic AMP dependent transcription factor ATF 5, Cyclic AMP dependent transcription factor ATF5, FLJ34666, HMFN0395, MGC102397, NAP1, NR3 associated protein, ODA 10, Transcription factor ATFx, Transcription factor like protein ODA 10, Transcription factor like protein ODA10, ATF5_HUMAN.

Background: Eukaryotic gene transcription is regulated by sequence-specific transcription factors that bind modular cis acting promoter and enhancer elements. The ATF/CREB transcription factor family binds the palindromic cAMP response element (CRE) octanucleotide TGACGTCA. The best characterized members of this gene family include CREB-1, CREB-2 (also designated ATF-4), CRE-BPa, LZIP (also designated CREB3 and Luman), CREM-1, CREM-2, ATF-1, ATF-2, ATF-3, ATF-5, ATF-6 and ATF-7. This family of proteins contain highly divergent N-terminal domains, but share a C-terminal leucine zipper for dimerization and DNA binding. ATF-5 (ATFx), which can localize to the cytoplasm or the nucleus, binds DNA as a dimer. It interacts with CCND3 and PTP4A1.

Gene ID: 22809

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months