

Datasheet for ABIN1533644
anti-AFT1 antibody (AA 176-225)



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2 Images

Overview

Quantity:	100 µL
Target:	AFT1
Binding Specificity:	AA 176-225
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ATF1.
Isotype:	IgG
Specificity:	ATF1 Antibody detects endogenous levels of total ATF1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	AFT1
Alternative Name:	ATF1 (AFT1 Products)
Background:	Synonyms: ATF1, Activating transcription factor 1, Cyclic-AMP-dependent transcription factor

Target Details

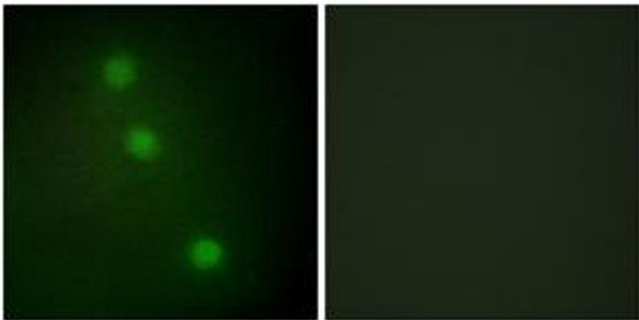
	ATF-1, TCR-ATF1, TREB36 protein NCBI Gene Symbol: ATF1
Molecular Weight:	29 kDa
Gene ID:	466
OMIM:	123803
UniProt:	P18846
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.648565 (NCBI Gene Symbol: ATF1)
Restrictions:	For Research Use only

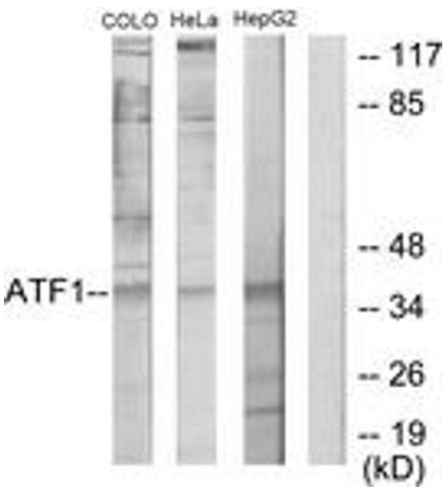
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide 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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of HuvEc cells, using ATF1 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2/COLO205/HeLa cells, using ATF1 Antibody. The lane on the right is treated with the synthesized peptide.