

Datasheet for ABIN1531260
anti-AFT1 antibody (pSer63)



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1 Image

Overview

Quantity:	100 µL
Target:	AFT1
Binding Specificity:	AA 31-80, pSer63
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ATF1 around the phosphorylation site of Ser63.
Isotype:	IgG
Specificity:	ATF1 (Phospho-Ser63) Antibody detects endogenous levels of ATF1 only when phosphorylated at Ser63. PhosphorylationH:S63 M:S63
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

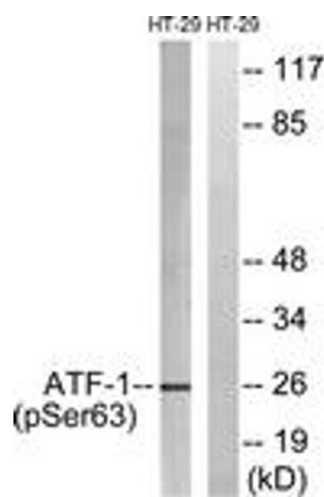
Target:	AFT1
Alternative Name:	ATF1 (AFT1 Products)
Background:	Synonyms: ATF1, Activating transcription factor 1, Cyclic-AMP-dependent transcription factor ATF-1, TCR-ATF1, TREB36 protein NCBI Gene Symbol: ATF1
Molecular Weight:	29 kDa
Gene ID:	466
OMIM:	123803
UniProt:	P18846
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:500~1:1000 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 Mg2+ and Ca2+), 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



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells treated with Insulin 0.01U/ML 15', using ATF1 (Phospho-Ser63) Antibody. The lane on the right is treated with the synthesized peptide.