

Datasheet for ABIN6971409
anti-AFT1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	AFT1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human ATF1.
Isotype:	IgG
Characteristics:	ATF1 (Activating Transcription Factor 1) binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Binds to the Tax-responsive element (TRE) of HTLV-I. Mediates PKA-induced stimulation of CRE-reporter genes. Represses the expression of FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation. ATF1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.
Purification:	Affinity Purified

Target Details

Target:	AFT1
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Target Details

Alternative Name:	ATF1 (AFT1 Products)
Molecular Weight:	40 kDa
NCBI Accession:	NP_005162
Pathways:	Neurotrophin Signaling Pathway, Activation of Innate immune Response, Myometrial Relaxation and Contraction, Toll-Like Receptors Cascades

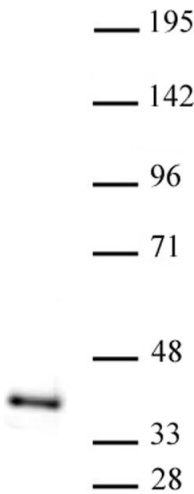
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
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:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Images



Western Blotting

Image 1. ATF1 antibody (pAb) tested by Western blot. Nuclear extract of HeLa cells (30 µg) probed with ATF1 antibody (pAb) at a dilution of 1:500.