Datasheet for ABIN7148788

anti-AFT1 antibody (AA 1-210)

2 Images

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Overview

Quantity:	100 µL
Target:	AFT1
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Cyclic AMP-dependent transcription factor ATF-1 protein (1-210AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	AFT1
Alternative Name:	ATF1 (AFT1 Products)
Background:	Background: This protein binds the cAMP response element (CRE) (consensus: 5\\\'-GTGACGT[AC][AG]-3\\\'), a sequence present in many viral and cellular promoters. Binds to the

Target Details

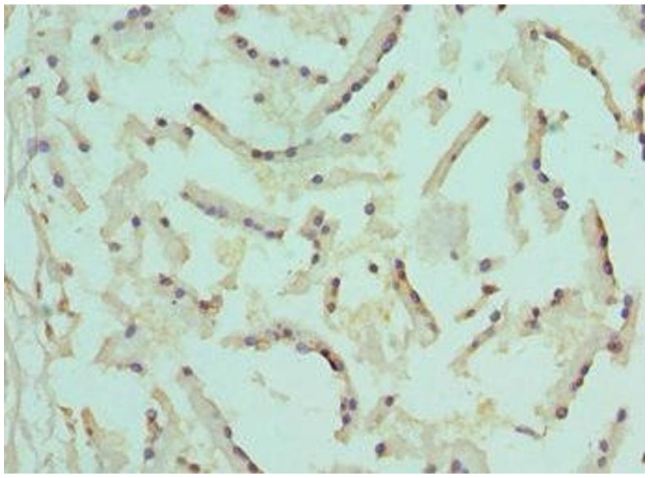
	Tax-responsive element (TRE) of HTLV-I. Mediates PKA-induced stimulation of CRE-reporter genes. Represses the expression of FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation. Aliases: Activating transcription factor 1 antibody, ATF 1 antibody, atf1 antibody, ATF1 EWS fusion gene antibody, ATF1 FUS fusion gene antibody, ATF1_HUMAN antibody, cAMP dependent transcription factor 1 antibody, cAMP-dependent transcription factor ATF-1 antibody, Cyclic AMP dependent transcription factor ATF 1 antibody, Cyclic AMP dependent transcription factor ATF1 antibody, Cyclic AMP-dependent transcription factor ATF-1 antibody, EWS AFT1 antibody, FUS ATF 1 antibody, FUS/ATF 1 antibody, Protein TREB36 antibody, RNA binding protein activating transcription factor 1 fusion protein antibody, TREB 36 antibody, TREB36 antibody, TREB36 protein antibody
UniProt:	P18846
Pathways:	Neurotrophin Signaling Pathway, Activation of Innate immune Response, Myometrial Relaxation and Contraction, Toll-Like Receptors Cascades

Application Details

Application Notes:	Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,
Restrictions:	For Research Use only

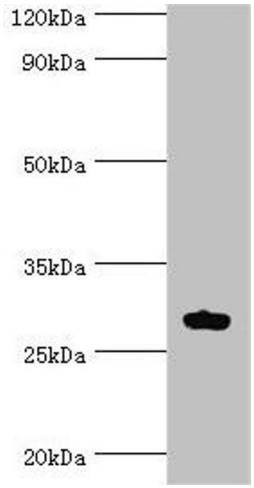
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7148788 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ATF1 antibody at 10 µg/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 30, 16 kDa Observed band size: 30 kDa