



Datasheet for ABIN7148809
anti-AFT7 antibody (AA 1-117)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	AFT7
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFT7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Cyclic AMP-dependent transcription factor ATF-7 protein (1-117AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	AFT7
Alternative Name:	ATF7 (AFT7 Products)
Background:	Background: Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and

Target Details

cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family. Isoform 4/ATF-A0 acts as a dominant repressor of the E-selectin/NF-ELAM1/delta-A promoter. Isoform 5/ATF-4 acts as a negative regulator, inhibiting both ATF2 and ATF7 transcriptional activities. It may exert these effects by sequestering in the cytoplasm the Thr-53 phosphorylating kinase, preventing activation.

Aliases: 1110012F10Rik antibody, 9430065F09Rik antibody, Activating transcription factor 7 antibody, A1549878 antibody, ATF7 antibody, Atf7 protein antibody, ATF7_HUMAN antibody, ATFA antibody, C130020M04Rik antibody, cAMP-dependent transcription factor ATF-7 antibody, Cyclic AMP-dependent transcription factor ATF 7 antibody, Cyclic AMP-dependent transcription factor ATF-7 antibody, MGC31554 antibody, MGC57182 antibody, Transcription factor ATF A antibody, Transcription factor ATF-A antibody

UniProt: [P17544](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

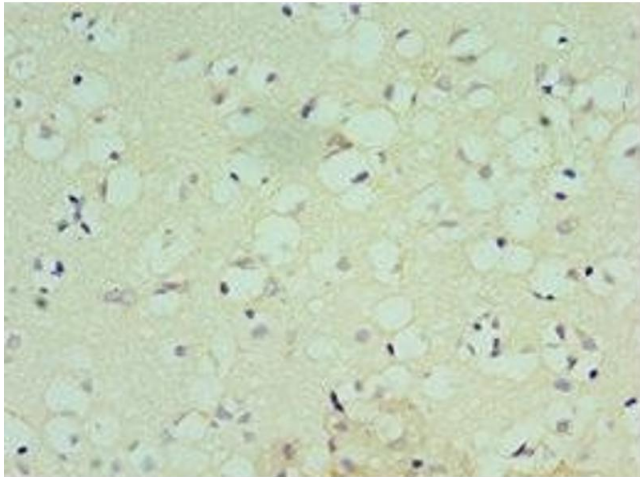
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

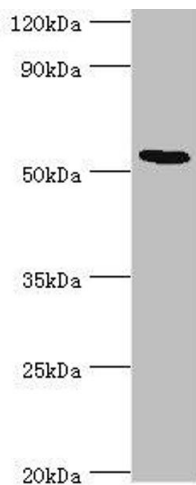
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



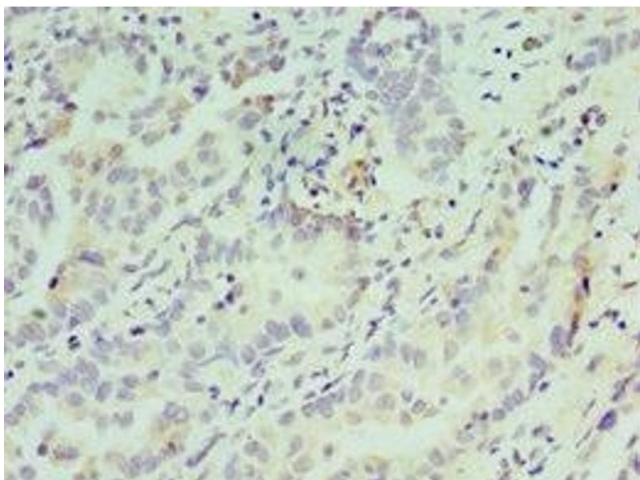
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7148809 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ATF7 antibody at 12 µg/mL + HeLa whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 53, 50, 51, 34, 14, 52 kDa Observed band size: 53 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7148809 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7148809.