

Datasheet for ABIN6748547
anti-AFT1 antibody (AA 179-228)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	AFT1
Binding Specificity:	AA 179-228
Reactivity:	Human, Rat, Dog, Rabbit, Horse, Guinea Pig, Zebrafish (Danio rerio), Monkey, Xenopus laevis, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa179-228 of human ATF1 (P18846, NP_005162). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Rat, Hamster, Elephant, Panda, Dog, Rabbit, Horse, Opossum, Guinea pig, Platypus, Xenopus (100%), Mouse, Bovine (92%), Lizard (85%), Zebrafish (81%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human ATF1

Product Details

Predicted Reactivity: Percent identity by BLAST analysis: Human, Rat, Dog, Rabbit, Xenopus (100%) Mouse, Bovine (92%) Zebrafish (81%).

Purification: Immunoaffinity purified

Target Details

Target: AFT1

Alternative Name: ATF1 ([AFT1 Products](#))

Background: Name/Gene ID: ATF1
Family: Transcription factor

Synonyms: ATF1, ATF-1, EWS-ATF1, FUS/ATF-1, Protein TREB36, TREB36

Gene ID: 466

NCBI Accession: [NP_005162](#)

UniProt: [P18846](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Myometrial Relaxation and Contraction](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB

Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 0.5 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

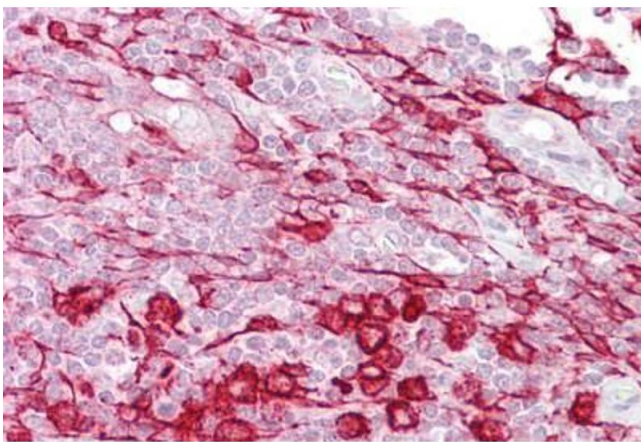
Reconstitution: Distilled Water.

Concentration: Lot specific

Handling

Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-ATF1 antibody IHC staining of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN958379 concentration 5 ug/ml.