

Datasheet for ABIN7148789  
**anti-ATF3 antibody (AA 1-181)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	ATF3
Binding Specificity:	AA 1-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Cyclic AMP-dependent transcription factor ATF-3 protein (1-181AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ATF3
Alternative Name:	ATF3 ( <a href="#">ATF3 Products</a> )
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. Represses

## Target Details

transcription from promoters with ATF sites. It may repress transcription by stabilizing the binding of inhibitory cofactors at the promoter. Isoform 2 activates transcription presumably by sequestering inhibitory cofactors away from the promoters.

Aliases: Activating transcription factor 3 antibody, ATF3 antibody, ATF3\_HUMAN antibody, ATF3deltaZip2 antibody, ATF3deltaZip2c antibody, ATF3deltaZip3 antibody, cAMP dependent transcription factor ATF3 antibody, cAMP-dependent transcription factor ATF-3 antibody, Cyclic AMP dependent transcription factor ATF3 antibody, Cyclic AMP-dependent transcription factor ATF-3 antibody

UniProt: [P18847](#)

Pathways: [Myometrial Relaxation and Contraction](#), [ER-Nucleus Signaling](#), [Unfolded Protein Response](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

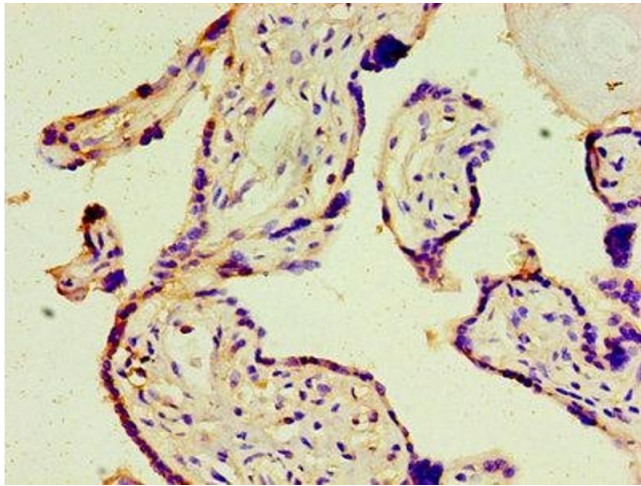
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

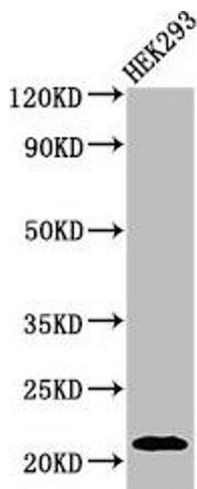
Storage: -20 °C,-80 °C

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



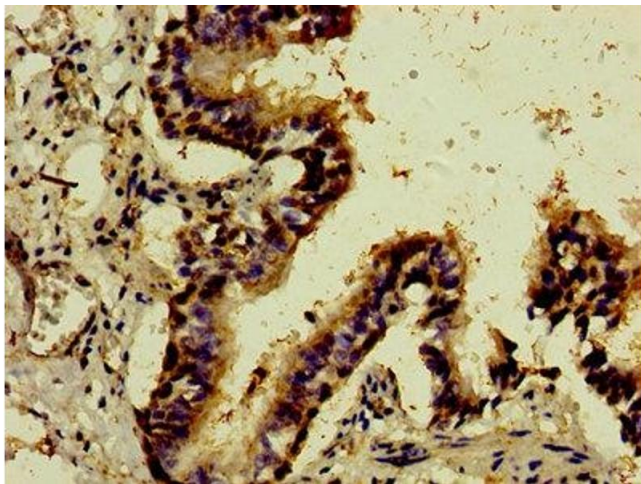
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7148789 at dilution of 1:100



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HEK293 whole cell lysate All lanes: ATF3 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 21, 14, 16, 13, 15 kDa Observed band size: 21 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7148789 at dilution of 1:100