

Datasheet for ABIN7444082  
**anti-AFT1 antibody (AA 3-245)**[Go to Product page](#)

## 4 Images

## Overview

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                 |
| Target:              | AFT1                                                                                                   |
| Binding Specificity: | AA 3-245                                                                                               |
| Reactivity:          | Mouse                                                                                                  |
| Host:                | Rabbit                                                                                                 |
| Clonality:           | Polyclonal                                                                                             |
| Conjugate:           | This AFT1 antibody is un-conjugated                                                                    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Activating Transcription Factor 1 (ATF1)                                                                                                                |
| Immunogen:        | Recombinant Activating Transcription Factor 1 (ATF1) corresponding to Asp3~Val245 (Accession # P81269)                                                                         |
| Isotype:          | IgG                                                                                                                                                                            |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against ATF1. It has been selected for its ability to recognize ATF1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Mouse                                                                                                                                                                   |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                         |

## Target Details

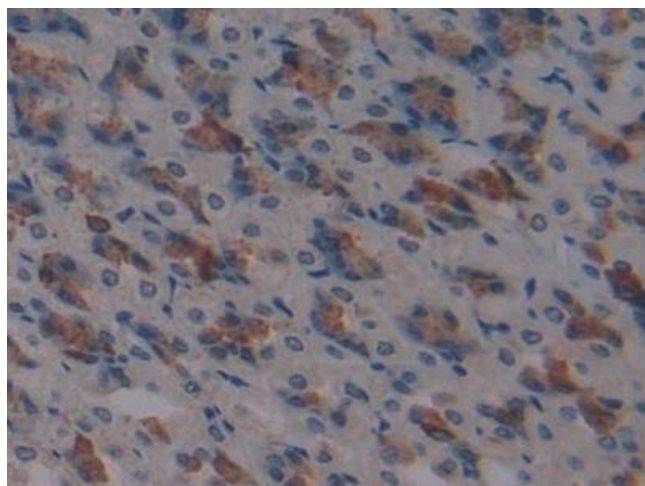
|                   |                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | AFT1                                                                                                                                                                                                         |
| Alternative Name: | Activating Transcription Factor 1 ( <a href="#">AFT1 Products</a> )                                                                                                                                          |
| Background:       | EWS-ATF1, FUS/ATF-1, TREB36, Cyclic AMP-Dependent Transcription Factor                                                                                                                                       |
| Pathways:         | <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Toll-Like Receptors Cascades</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>1:250-1000 Immunohistochemistry: 5-20 µg/mL<br>1:25-100 Immunocytochemistry: 5-20 µg/mL<br>1:25-100 Optimal working dilutions must be determined by end user.                                                                                                                                      |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

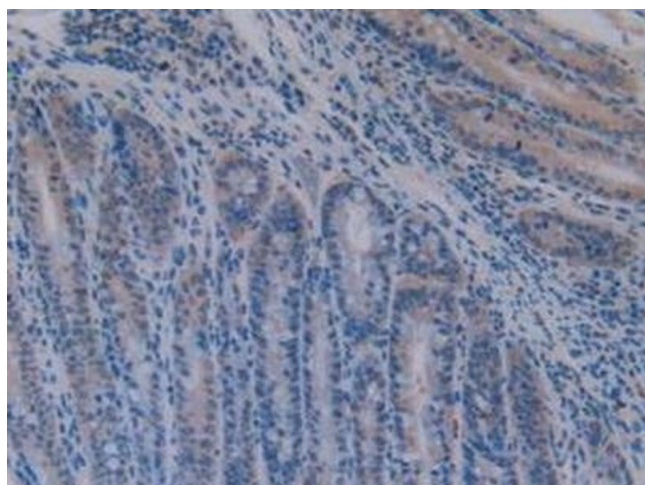
## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |



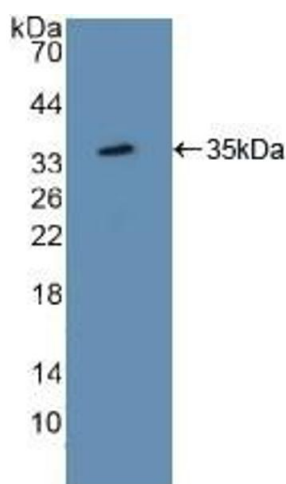
#### Immunohistochemistry

**Image 1.** Detection of ATF1 in Mouse Stomach Tissue using Polyclonal Antibody to Activating Transcription Factor 1 (ATF1)



#### Immunohistochemistry

**Image 2.** Detection of ATF1 in Mouse Intestine Tissue using Polyclonal Antibody to Activating Transcription Factor 1 (ATF1)



#### Western Blotting

**Image 3.** Detection of Recombinant ATF1, Mouse using Polyclonal Antibody to Activating Transcription Factor 1 (ATF1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7444082.