

# ATF3 Rabbit pAb

Catalog No.: A13469 **8 Publications**

## Basic Information

### Observed MW

23kDa/24kDa

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This gene is induced by a variety of signals, including many of those encountered by cancer cells, and is involved in the complex process of cellular stress response. Multiple transcript variants encoding different isoforms have been found for this gene. It is possible that alternative splicing of this gene may be physiologically important in the regulation of target genes.

## Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:100 - 1:500

## Immunogen Information

### Gene ID

467

### Swiss Prot

P18847

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-181 of human ATF3 (NP\_001665.1).

### Synonyms

ATF3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

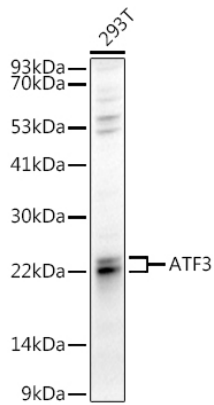
Affinity purification

### Storage

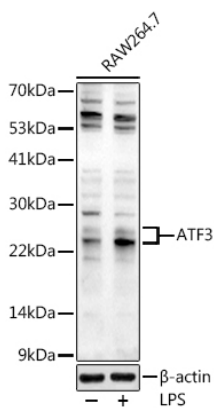
Store at -20°C. Avoid freeze / thaw cycles.

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

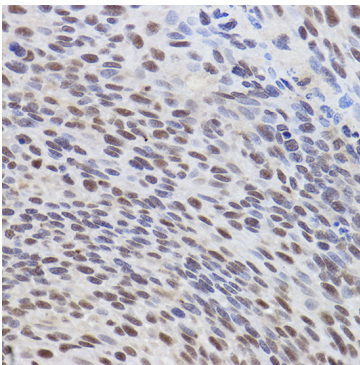
## Validation Data



Western blot analysis of lysates from 293T cells, using ATF3 Rabbit pAb (A13469) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Western blot analysis of lysates from RAW264.7 cells, using ATF3 Rabbit pAb (A13469) at 1:1000 dilution. Raw264.7 cells were treated by LPS (1 µg/ml) at 37°C for 8 hours.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ATF3 Rabbit pAb (A13469) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.