

## ATF-3 Rabbit pAb

CatalogNo: YT0387

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 21kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000****IHC 1:100-500****IF/ICC 1:100-500****ELISA 1:5000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

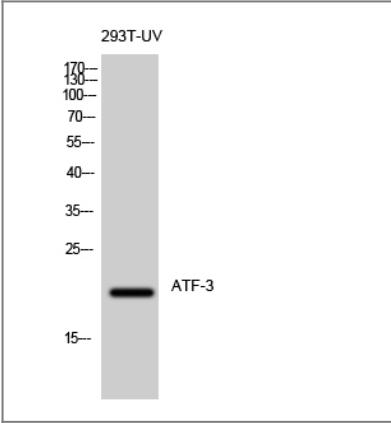
### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human ATF3. AA range: 131-180**Specificity** ATF-3 Polyclonal Antibody detects endogenous levels of ATF-3 protein.

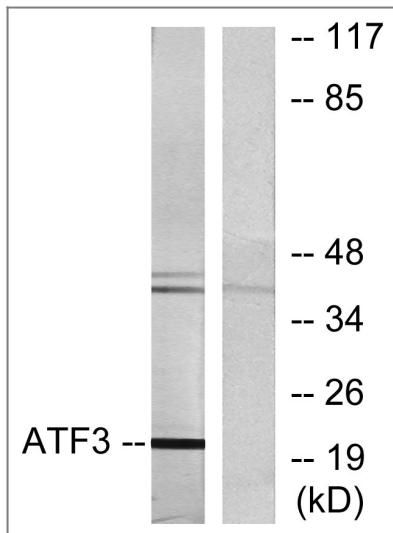
### Target Information

Gene name	ATF3		
Protein Name	Cyclic AMP-dependent transcription factor ATF-3		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">467</a> ;	<a href="#">P18847</a> ;
	Mouse	<a href="#">11910</a> ;	<a href="#">Q60765</a> ;
	Rat	<a href="#">25389</a> ;	<a href="#">P29596</a> ;
Cellular Localization	Nucleus .		
Tissue specificity	Amygdala,Brain,Cerebellum,Muscle,		
Function	Function:This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Represses 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.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a homodimer or a heterodimer.,		

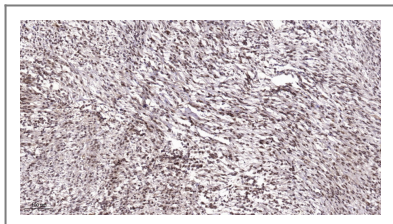
| Validation Data



Western Blot analysis of 293T-UV cells using ATF-3 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from RAW264.7 cells, using ATF3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

## Contact information

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Please scan the QR code to access additional product information:  
**ATF-3 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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