

ATF-3 (PT1162R) PT™ Rabbit mAb

CatalogNo: YM9011 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, IP, ELISA

MW

- 21kD (Calculated)
- 21kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT1162R

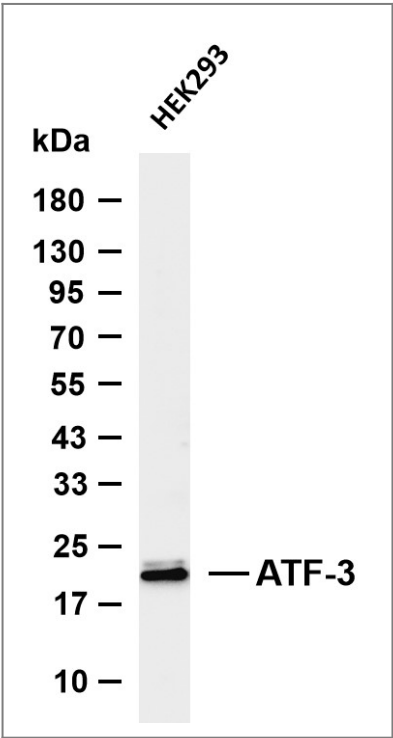
Immunogen Information

Specificity Endogenous

Target Information

Gene name	ATF3		
Protein Name	Cyclic AMP-dependent transcription factor ATF-3		
	Organism	Gene ID	UniProt ID
	Human	467 ;	P18847 ;
	Mouse	11910 ;	Q60765 ;
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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ATF-3 (PT1162R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HEK293 Predicted band size: 21kDa Observed band size: 21kDa

| Contact information

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