



Mouse Monoclonal Antibody **ATF-4** conjugated to Sepharose Beads

CatalogNo: **ANT8169-S**

Size 200ul

Storage Store at 4 °C for frequent use

### Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

**ATF-4 (ANT0094R) Rabbit mAb**

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

### Host Species

- Rabbit
- Human, Mouse, Rat,

### Reactivity

- WB, IHC, IF, IP, ELISA

### Applications

### MW

- 38kD (Calculated)
- 49kD (Observed)
- IgG, Kappa

### Isotype

## Recommended Dilution Ratios

### IP

## Basic Information

### Clonality

Monoclonal

Clone Number      ANT0094R

Immunogen Information

Specificity      Endogenous

Gene name      ATF4

Protein Name      Cyclic AMP-dependent transcription factor ATF-4

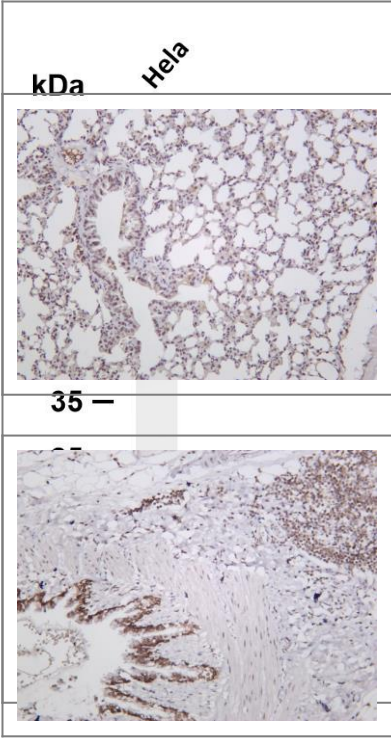
Organism	Gene ID	UniProt ID
Human	<a href="#">468</a> ;	<a href="#">P18848</a> ;
Mouse	<a href="#">11911</a> ;	<a href="#">Q06507</a> ;

Cellular Localization      Nucleus

Tissue specificity      Bladder,Colon,Fibroblast,Leukemic T-cell,Lung,Ovary,Placenta,

Function      Function:Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. It binds to a Tax-responsive enhancer element in the long terminal repeat of HTLV-I.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subcellular location:Colocalizes with GABBR1 in hippocampal neuron dendritic membranes.,subunit:Interacts with the C-terminal region of GABBR1 via the leucine zipper of its C-terminal bZIP domain. Interacts with the Cterminal region of GABBR2 (By similarity). Binds DNA as a homo-or heterodimer. Interacts with the N-terminal region of CEP290.,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ATF-4 (ANT0094R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1:Hela treated with serum for 30min  
Predicted band size:

38kDa Observed band size: 49kDa

Mouse lung was stained with Anti-ATF-4 (ANT0094R) rabbit antibody

Rat lung was stained with Anti-ATF-4 (ANT0094R) rabbit antibody

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