

## Anti-ATF2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

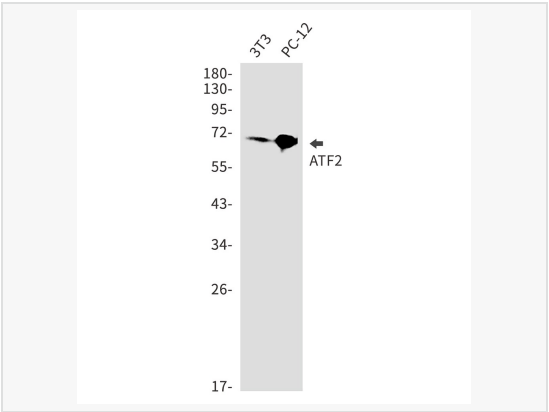
Catalog # R012423

### Product Information

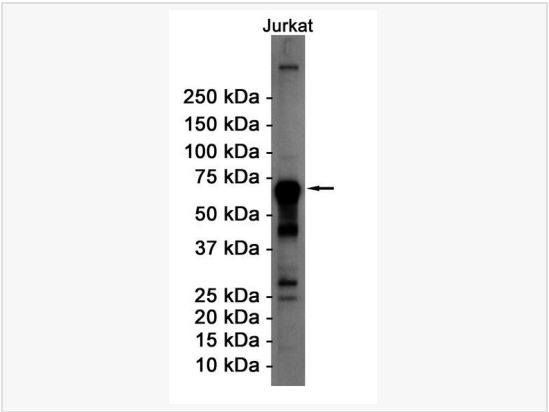
|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB, ELISA                                                                                                                             |
| Reactivity  | Human, Mouse, Rat                                                                                                                     |
| Dilution    | WB 1:500~1:1,000                                                                                                                      |
| Host        | Rabbit                                                                                                                                |
| Clonality   | Monoclonal                                                                                                                            |
| Clone No.   | 43M55K49                                                                                                                              |
| Isotype     | IgG                                                                                                                                   |
| Label       | Unconjugated                                                                                                                          |
| Immunogen   | Recombinant protein of mouse ATF2                                                                                                     |
| Format      | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.           |
| Precautions | Anti-ATF2 antibody [43M55K49] is for research use only and not for use in diagnostic or therapeutic procedures.                       |

### Protein Information

|               |                                                                                                                                                                                                                                                                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | Phospho-ATF2-T69/T71.                                                                                                                                                                                                                                                                                                                             |
| Calculated MW | Calculated MW: 52 kDa; Observed MW: 70 kDa                                                                                                                                                                                                                                                                                                        |
| Uniprot ID    | P16951                                                                                                                                                                                                                                                                                                                                            |
| Gene ID       | 11909                                                                                                                                                                                                                                                                                                                                             |
| Background    | Transcriptional activator which regulates the transcription of various genes, including those involved in anti-apoptosis, cell growth, and DNA damage response. Dependent on its binding partner, binds to CRE (cAMP response element) consensus sequences (5'-TGACGTCA-3') or to AP-1 (activator protein 1) consensus sequences (5'-TGACTCA-3'). |



Western blot analysis of ATF2 in 3T3, PC-12 lysates using ATF2 antibody.



Western blot analysis of ATF2 in Jurkat lysates using ATF2 antibody.