

## ATF2 (Phospho-Thr71) Rabbit mAb

Catalog No: #14183

Package Size: #14183-1 50ul #14183-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

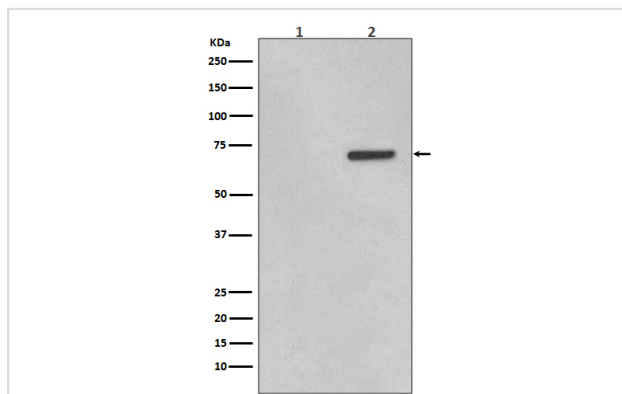
## Description

|                       |   |
|-----------------------|---|
| Product Name          | ATF2 (Phospho-Thr71) Rabbit mAb   |
| Host Species          | Rabbit  |
| Clonality             | Monoclonal  |
| Isotype               | Rabbit IgG  |
| Purification          | Affinity-chromatography   |
| Applications          | WB ICC/IF IP  |
| Species Reactivity    | Human   |
| Specificity           | Phospho-ATF2 (T71) Antibody detects endogenous levels of Phospho-ATF2 (T71)   |
| Immunogen Description | A synthesized peptide derived from human Phospho-ATF2 (T71)   |
| Other Names           | ATF2, Activating 2, CREB2, CREBP1, Cyclic-AMP-dependent ATF-2, HB16, MXBP protein, cAMP response element binding protein CRE-BP1; |
| Accession No.         | Uniprot:P15336  |
| Uniprot               | P15336  |
| Calculated MW         | 70kDa   |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                |
| Storage               | Store at +4 $\Lambda$ C short term. Store at -20 $\Lambda$ C long term. Avoid freeze / thaw cycle.                                |

## Application Details

WB:1:500~1:2000 ICC/IF:1:50~1:200 IP:1:30

## Images



Western blot analysis of Phospho-ATF2 (T71) expression in (1) HeLa cell lysate; (2) HeLa cell lysate treated with Anisomycin.

## Product Description

The transcription factor ATF-2 (also called CRE-BP1) binds to both AP-1 and CRE DNA response elements and is a member of the ATF/CREB family of leucine zipper proteins. ATF-2 interacts with a variety of viral oncoproteins and cellular tumor suppressors and is a target of the SAPK/JNK and p38 MAP kinase signaling pathways. Various forms of cellular stress, including genotoxic agents, inflammatory cytokines, and UV irradiation, stimulate the

transcriptional activity of ATF-2. Cellular stress activates ATF-2 by phosphorylation of Thr69 and Thr71.

---

Note: This product is for in vitro research use only