

# Anti-ATF1 Rabbit Monoclonal Antibody

Catalog # ABO13461

## Product Information

---

|                          |                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC, IP                                                                                                   |
| <b>Primary Accession</b> | <a href="#">P18846</a>                                                                                            |
| <b>Host</b>              | Rabbit                                                                                                            |
| <b>Isotype</b>           | Rabbit IgG                                                                                                        |
| <b>Reactivity</b>        | Human                                                                                                             |
| <b>Clonality</b>         | Monoclonal                                                                                                        |
| <b>Format</b>            | Liquid                                                                                                            |
| <b>Description</b>       | Anti-ATF1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications.<br>This antibody reacts with Human. |

## Additional Information

---

|                                 |                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                  | 466                                                                                                                                                 |
| <b>Other Names</b>              | Cyclic AMP-dependent transcription factor ATF-1, cAMP-dependent transcription factor ATF-1, Activating transcription factor 1, Protein TREB36, ATF1 |
| <b>Calculated MW</b>            | 29233                                                                                                                                               |
| <b>Application Details</b>      | WB 1:1000-1:2000<br>ICC/IF 1:50-1:200<br>IP 1:50                                                                                                    |
| <b>Subcellular Localization</b> | Nucleus.                                                                                                                                            |
| <b>Source</b>                   | Eukaryota                                                                                                                                           |
| <b>Contents</b>                 | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                 |
| <b>Clone Names</b>              | Clone: HBF-1                                                                                                                                        |
| <b>Immunogen</b>                | A synthesized peptide derived from human ATF1                                                                                                       |
| <b>Purification</b>             | Affinity-chromatography                                                                                                                             |
| <b>Storage</b>                  | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.          |

## Protein Information

---

|             |      |
|-------------|------|
| <b>Name</b> | ATF1 |
|-------------|------|

**Function**

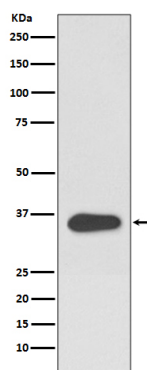
This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Binds to the Tax-responsive element (TRE) of HTLV-I. Mediates PKA-induced stimulation of CRE-reporter genes. Represses the expression of FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation.

**Cellular Location**

Nucleus.

**Images**

---



Western blot analysis of ATF1 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.