

## Phospho-ATF2-T71 Monoclonal Antibody

CABP1051

### Description

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This Phospho-ATF2-T71 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CABP1051
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	HB16, CREB2, TREB7, CREB-2, CRE-BP1, Phospho-ATF2-T71
<b>Clone:</b>	ARC1598
<b>Applications:</b>	WB   ELISA
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Mouse

### Antibody Data

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<b>Gene ID:</b>	1386
<b>Uniprot:</b>	AB_2863924
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	70kDa
<b>Calculated MW:</b>	55kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** NIH/3T3 treated with Anisomycin

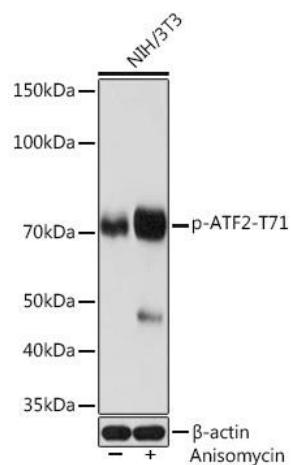
**Recommended Dilutions:**

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells, using Phospho-- Rabbit mAb (CABP1051) at 1:1000 dilution. NIH/3T3 cells were treated with Anisomycin (25 µg/mL) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.