

# Anti-Activating Transcription Factor 2 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2903**

## Aliases

ATF2; Activating Transcription Factor 2; HB1; CRE-BP1; TREB7; CREB2; Cyclic AMP-Dependent Transcription Factor ATF-2; Cyclic AMP-Responsive Element-Binding Protein 2; CAMP Response Element-Binding Protein CRE-BP1; CAMP-Dependent Transcription Factor ATF-2; CREB-2; CAMP Responsive Element Binding Protein 2, Formerly; CAMP Responsive Element Binding Protein 2; CAMP-Responsive Element-Binding Protein 2; Histone Acetyltransferase ATF2; CREBP1

## Background

Gene Name: ATF2

NCBI Gene Entry: [1386](#)

UniProt Entry: [P15336](#)

## Application Information

Molecular Weight: Predicted, 55 kDa; observed, 70 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3090

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human ATF2

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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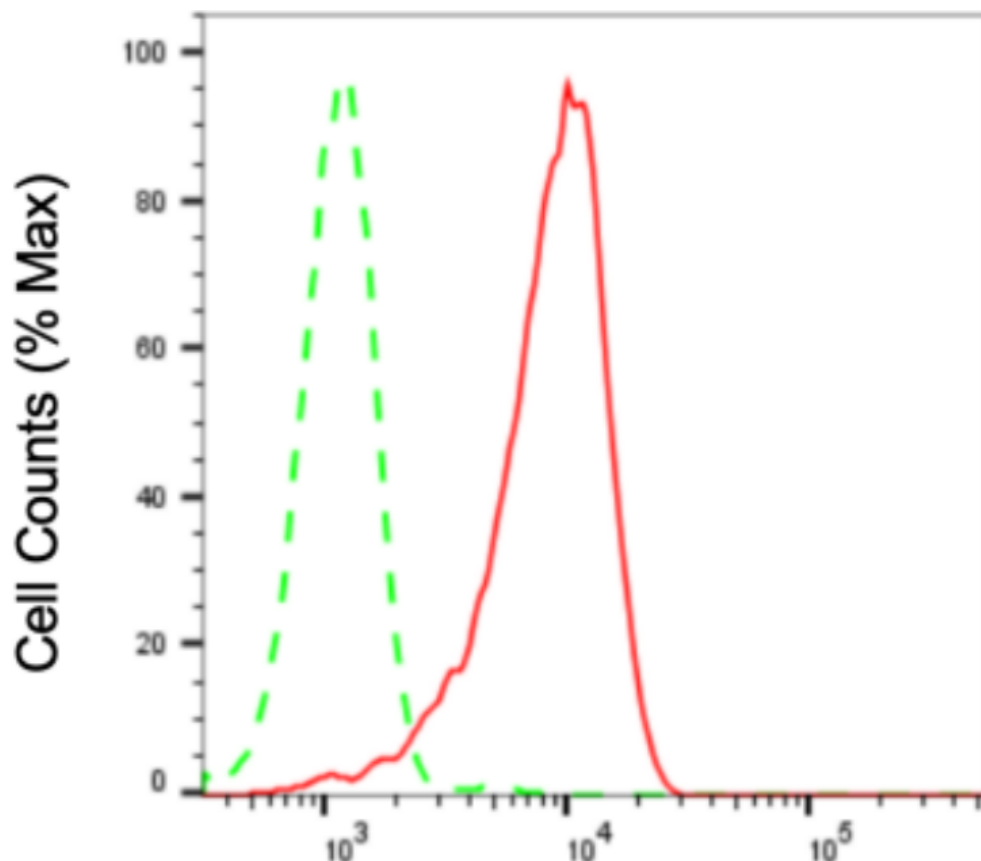
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**Note:** This product is for research use only.

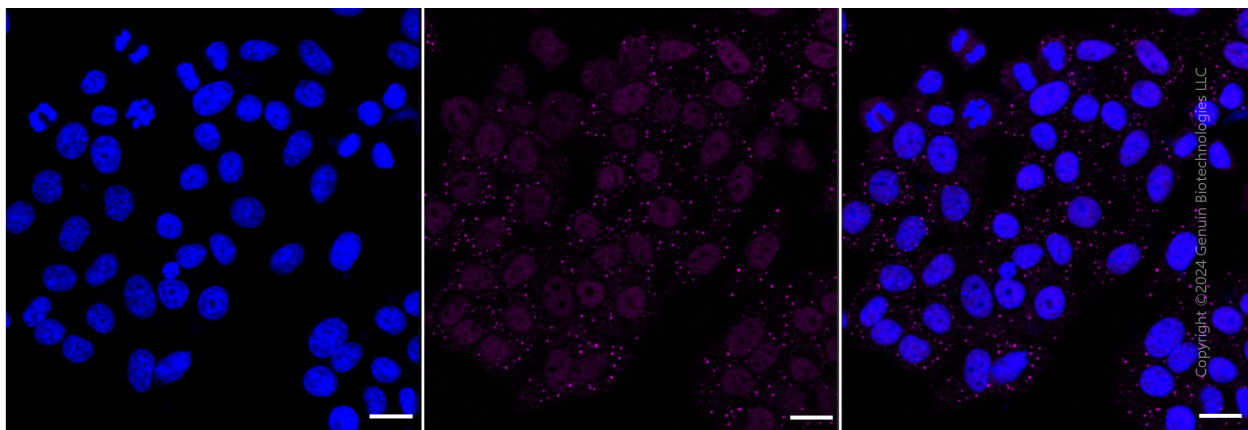
## Validation Data



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## Activating transcription factor 2-Alexa Fluor® 647

Flow cytometric analysis of Activating transcription factor 2 expression in HepG2 cells using anti-Activating transcription factor 2 antibody (Cat#2903, 1:2,000). Green, isotype control; red, Activating transcription factor 2.



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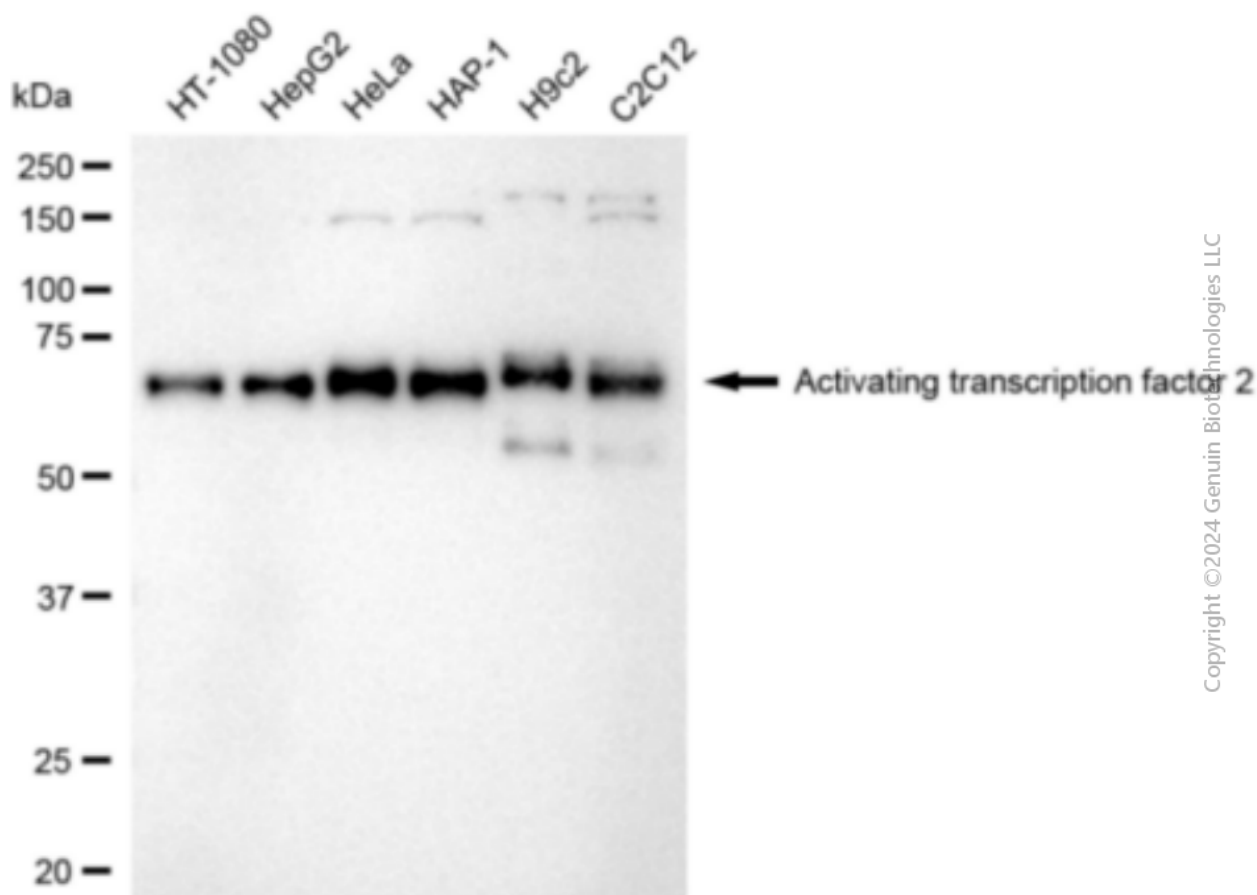
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Immunocytochemical staining of HepG2 cells with anti-Activating transcription factor 2 antibody (Cat#2903, 1:1,000). Nuclei were stained blue with DAPI; Activating transcription factor 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.



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Western blotting analysis using anti-Activating transcription factor 2 antibody (Cat#2903). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Activating transcription factor 2 antibody (Cat#2903, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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