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## 35-1032: Polyclonal Antibody to ATF2 (Phospho-Ser112 or 94)

Clonality: Polyclonal Application: WB,IHC

**Reactivity:** Human, Mouse, Rat

Gene : ATF2
Gene ID : 1386
Uniprot ID : P15336
Format : Purified

Alternative Name: CREB2, CREBP1
Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 112 or 94 (D-L-S(p)-P-L) derived from

Human ATF2.

## **Description**

Transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2-c-Jun complex.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 65-75 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

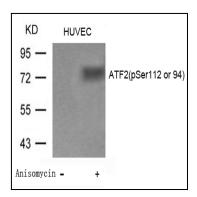


Figure 1: Western blot analysis of extracts from Huvec cells untreated or treated with Anisomycin using ATF2(Phospho-Ser112 or 94) Antibody 35-1032.



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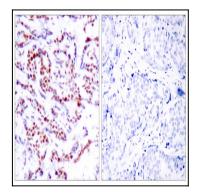


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2(Phospho-Ser112 or 94) Antibody 35-1032 (left) or the same antibody preincubated with blocking peptide(right).