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35-1390: Polyclonal Antibody to ATF2 (Ab-112 or 94) (Discontinued)

Clonality: Polyclonal Application: IHC,WB

Reactivity: Rat, Mouse, Human

 Gene :
 ATF2

 Gene ID :
 1386

 Uniprot ID :
 P15336

 Format :
 Purified

Alternative Name : CREB2, CREBP1 Isotype : Rabbit IgG

Immunogen Information: Peptide sequence around aa.110~114 or 92~96 (D-L-S-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 μg / 100 μg

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:

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

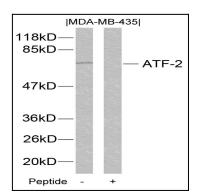


Figure 1: Western blot analysis of extracts from MDA-MB-435 cells using ATF2(Ab-112 or 94) Antibody 35-1390 and the same antibody preincubated with blocking peptide.



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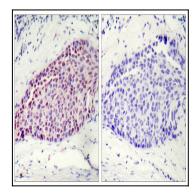


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2(Ab-112 or 94) Antibody 35-1390 (left) or the same antibody preincubated with blocking peptide(right).