

35-1387: Polyclonal Antibody to ATF2 (Ab-69 or 51) (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.67~71 or 49~53 (D-Q-T-P-T) 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 : | 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

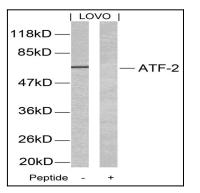


Figure 1: Western blot analysis of extracts from LOVO cells using ATF2(Ab-69 or 51) Antibody 35-1387 and the same antibody preincubated with blocking peptide.

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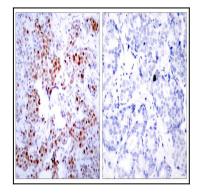


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2(Ab-69 or 51) Antibody 35-1387 (left) or the same antibody preincubated with blocking peptide(right).