



## ATF-2 (Ab-69or51) Antibody

#21030

**Catalog Number:** 21030-1, 21030-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P15336

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human ATF-2 around the phosphorylation site of threonine 69 or 51 (D-Q-T<sup>P</sup>-P-T).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

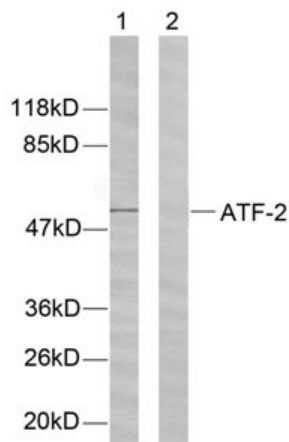
**Specificity/Sensitivity:** ATF-2 (Ab-69 or 51) antibody detects endogenous levels of total ATF-2 protein.

**Reactivity:** Human, Mouse, Rat

**Applications:**

Predicted MW: 65-75 kd

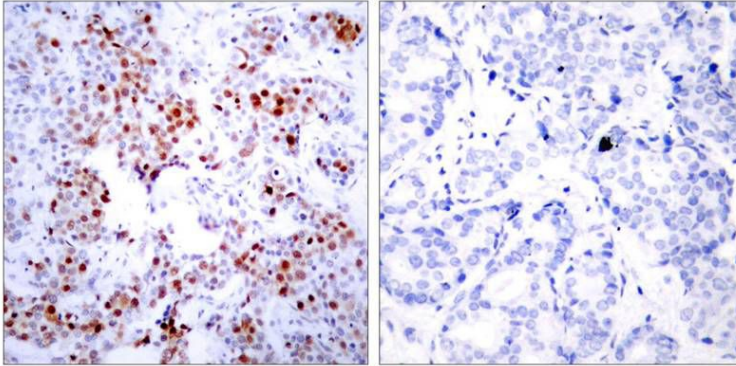
WB: 1:500~1:1000 IHC: 1:50~1:100



Peptide - +

Western blot analysis of extracts from LOVO cells using

ATF-2(Ab-69 or 51) antibody (#21030).



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF-2 (Ab-69 or 51) antibody (#21030).

#### **Background :**

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.

#### **References:**

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- Sakurai A, et al. (1991) Biochem Biophys Res Commun. 181(2): 629-635.
- Abdel-Hafiz H A, et al. (1992) Mol Endocrinol. 6: 2079-2089.
- Gupta S, et al. (1995) Science. 267: 389-393.
- Van Dam H, et al. (1995) EMBO J. 14(8): 1798-1811.