

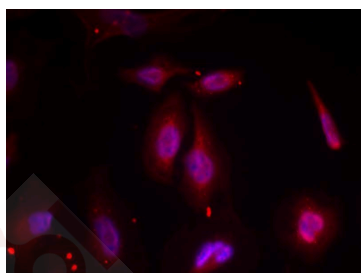
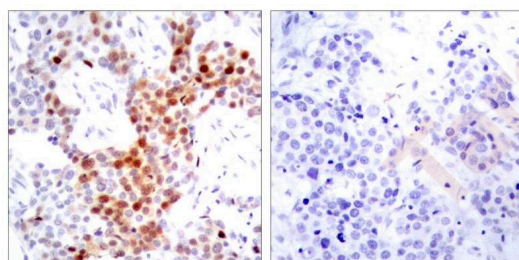
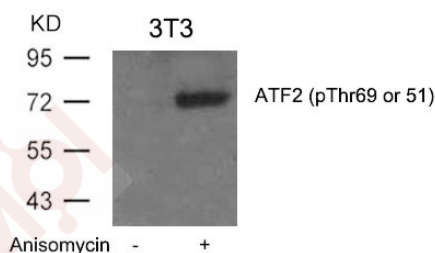
Anti-Phospho-ATF2 (Thr69 or 51) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

- Verified Activity:
- Western blot analysis of extracts from 3T3 cells untreated or treated with Anisomycin using ATF2 (Phospho-Thr69 or 51) Antibody TMAC-00309.
 - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 (Phospho-Thr69 or 51) Antibody TMAC-00309 (left) or the same antibody preincubated with blocking peptide (right).
 - Immunofluorescence staining of methanol-fixed Hela cells using ATF2 (Phospho-Thr69 or 51) Antibody TMAC-00309.



Application: IF,IHC,WB

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around phosphorylation site of threonine 69 or 51 (D-Q-T(p)-P-T) derived from Human ATF2

Antigen Species: Human

Uniprot ID: P15336

Synonyms: p-ATF2 (T69 or 51);ATF2 (p-T69 or 51);p-ATF2 (Thr69 or 51);ATF2 (p-Thr69 or 51)

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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