

ATF2 (phospho Thr71) antibody

Cat. No. GTX24736

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2 µg/ml
IHC-P	1:20

Not tested in other applications.

Calculated MW 55 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Chemically synthesized phosphopeptide derived from a region of human ATF2 that contains threonine 71
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

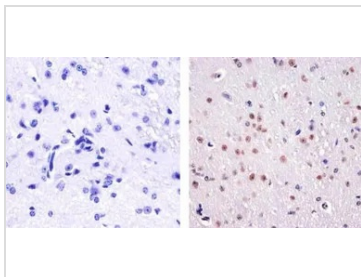
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES

GTX24736 IHC-P Image

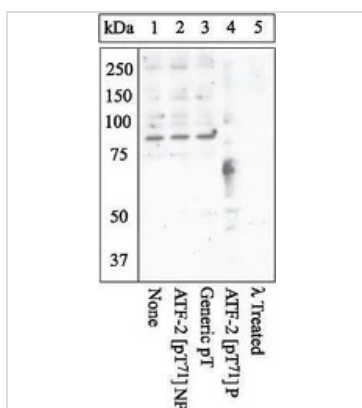
IHC-P analysis of mouse brain tissue using GTX24736 ATF2 (phospho Thr71) antibody.

Right : Primary antibody

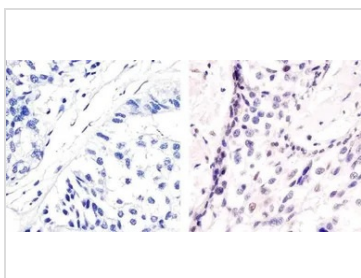
Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20


GTX24736 WB Image

WB (peptide competition) analysis of Jurkat cells treated with 10 µg/mL anisomycin for 60 minutes using GTX24736 ATF2 (phospho Thr71) antibody prior incubated with the phosphopeptide immunogen (Lane 2), the non-phosphopeptide corresponding to the phosphopeptide immunogen (Lane 3), or a generic phosphothreonine-containing peptide (Lane 4) control. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody. The membrane treated with phosphatase (Lane 5) eliminates the signal further verifying that the antibody is phospho-specific.


GTX24736 IHC-P Image

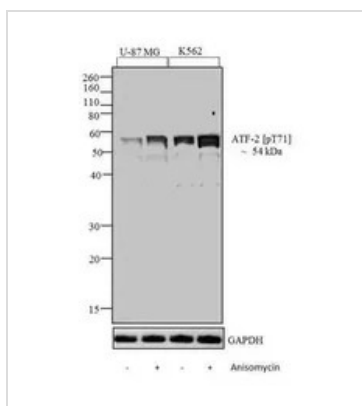
IHC-P analysis of human breast carcinoma tissue using GTX24736 ATF2 (phospho Thr71) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20


GTX24736 WB Image

WB analysis of whole cell extracts (30 µg lysate) of U-87 MG (Lane 1), U-87 MG treated with 25 µg/mL anisomycin for 30 minutes (Lane 2), K562 (Lane 3), K562 treated with 25 µg/mL anisomycin for 30 minutes (Lane 4) using GTX24736 ATF2 (phospho Thr71) antibody.

Dilution : 1-2 µg/ml



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