

ATF2 (phospho Thr73) antibody

Cat. No. GTX50110

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Monkey

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

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

Product Note This antibody is raised against human ATF2 phosphorylated at Thr73. Based on sequence homology, it is predicted to react with mouse/rat ATF2 when phosphorylated at the corresponding residues - ATF2 Thr55.

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% 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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of threonine 73 (T-P-T(p)-R-F) derived from human ATF2.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated

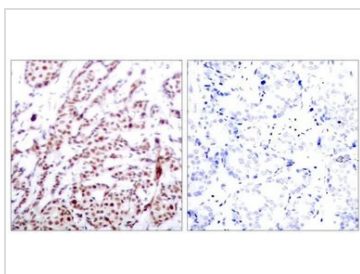


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Note

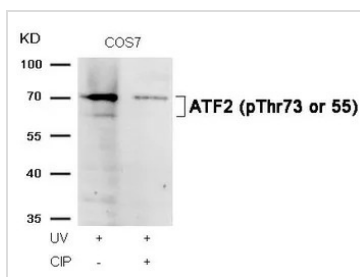
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DATA IMAGES

GTX50110 IHC-P Image

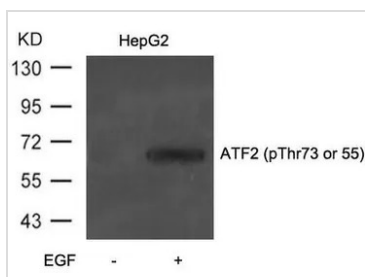
IHC-P analysis of human breast carcinoma tissue using GTX50110 ATF2 (phospho Thr73) antibody.

Left : Primary antibody

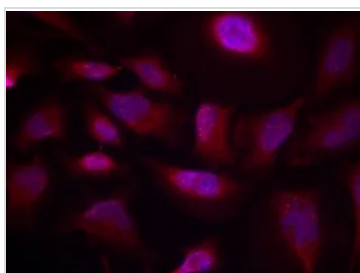
Right : Primary antibody pre-incubated with the antigen specific peptide


GTX50110 WB Image

WB analysis of extracts from COS-7 cells treated with UV or calf intestinal phosphatase (CIP) using GTX50110 ATF2 (phospho Thr73) antibody.


GTX50110 WB Image

WB analysis of extracts from HepG2 cells untreated or treated with EGF using GTX50110 ATF2 (phospho Thr73) antibody.


GTX50110 ICC/IF Image

ICC/IF analysis of methanol-fixed HeLa cells using GTX50110 ATF2 (phospho Thr73) antibody.



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