

ATF1 (phospho Ser63) antibody [HL3581]

Cat. No. GTX641552

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000

Not tested in other applications.

Observed MW (kDa) 40 kDa.

Product Note

This antibody is raised against human ATF1 phosphorylated at Ser63, and it also may detect the phosphorylated CREB protein due to sequence homology.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	Carrier-protein conjugated synthetic peptide surrounding phospho Ser63 of human ATF1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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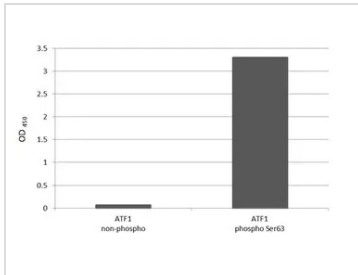
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Note

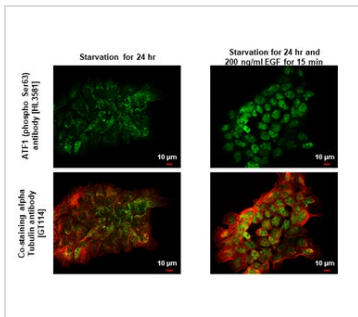
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DATA IMAGES



GTX641552 Image

Specificity test was performed by coating the plate with recombinant ATF1 non-phospho peptide and ATF1 (phospho Ser63) peptide (250 ng/mL). Coated protein was probed with ATF1 (phospho Ser63) antibody [HL3581] (GTX641552) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



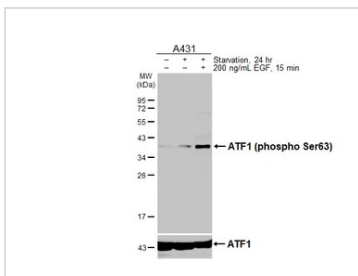
GTX641552 ICC/IF Image

ATF1 (phospho Ser63) antibody [HL3581] detects ATF1 (phospho Ser63) protein by immunofluorescent analysis.

Sample: Mock and treated A431 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ATF1 (phospho Ser63) stained by ATF1 (phospho Ser63) antibody [HL3581] (GTX641552) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



GTX641552 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with ATF1 (phospho Ser63) antibody [HL3581] (GTX641552) diluted at 1:1000 and ATF1 antibody (GTX100062) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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