

HIF1 alpha antibody [GT10211]

Cat. No. GTX628480

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IP, IHC-P (cell pellet)
Reactivity	Human, Rat

References (15)

★★★★★ Review (3)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:100-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IP	1:100-1:500
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Calculated MW 93 kDa. ([Note](#))

Properties

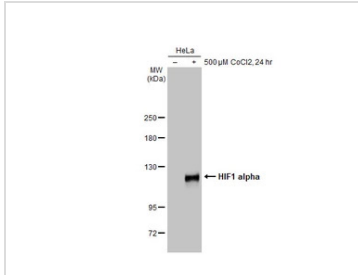
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to human HIF1 alpha
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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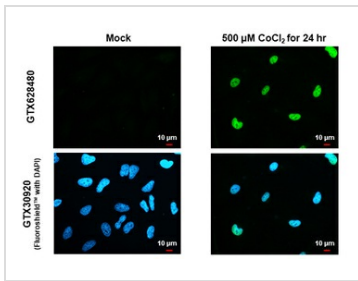
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Note

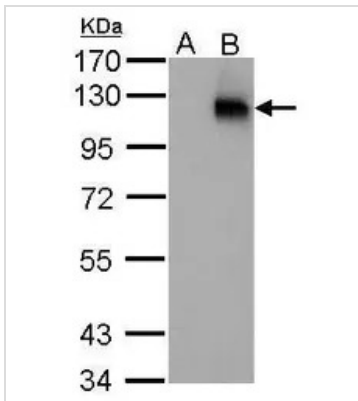
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DATA IMAGES

GTX628480 WB Image

Untreated (–) and treated (+) HeLa whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with HIF1 alpha antibody [GT10211] (GTX628480) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628480 ICC/IF Image

HIF1 alpha antibody [GT10211] detects HIF1 alpha protein at nucleus by immunofluorescent analysis. Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HIF1 alpha stained by HIF1 alpha antibody [GT10211] (GTX628480) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).


GTX628480 WB Image

HIF1 alpha antibody [GT10211] detects HIF1A protein by western blot analysis.

A. 30 μg HepG2 whole cell lysate/extract (untreated)

B. 30 μg HepG2 whole cell lysate/extract (1%O₂ treatment for 48hr)

7.5% SDS-PAGE

HIF1 alpha antibody [GT10211] (GTX628480) dilution: 1:250

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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