

HIF1 alpha antibody [HL3011]

Cat. No. GTX640424

| | |
|---------------------|-------------------|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity | Human, Mouse, Dog |

Package
100 µl, 25 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | Assay dependent |
| IHC-P | Assay dependent |

Not tested in other applications.

Observed MW (kDa) 120-130 kDa.

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 | Recombinant fragment of human HIF1 alpha. |
| Purification | Affinity purified by Protein A. |
| Conjugation | Unconjugated |

Note

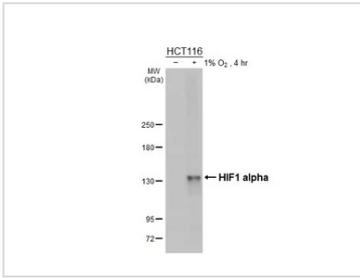
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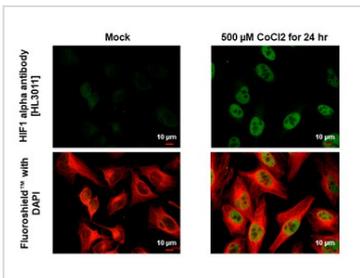
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DATA IMAGES



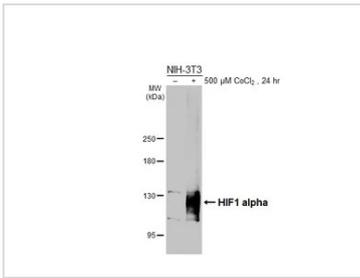
GTX640424 WB Image

Untreated (-) and treated (+) HCT116 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with HIF1 alpha antibody [HL3011] (GTX640424) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



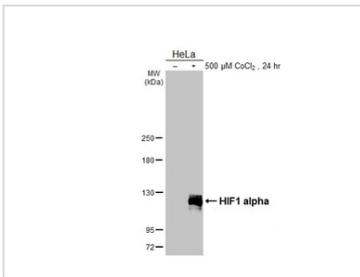
GTX640424 ICC/IF Image

HIF1 alpha antibody [HL3011] detects HIF1 alpha protein 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 [HL3011] (GTX640424) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



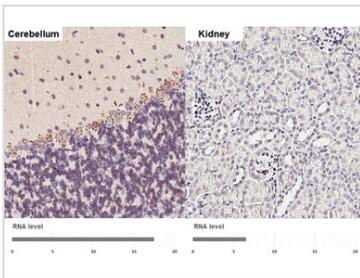
GTX640424 WB Image

Untreated (-) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with HIF1 alpha antibody [HL3011] (GTX640424) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX640424 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 [HL3011] (GTX640424) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX640424 IHC-P Image

HIF1 alpha antibody [HL3011] detects HIF1 alpha protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. HIF1 alpha stained by HIF1 alpha antibody [HL3011] (GTX640424) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min. Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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