

CLPP antibody [C2C3], C-term

Cat. No. GTX104656

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

References (1)

★ ★ ★ ★ ★ Review (1)

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 | 1:100-1:1000 |
| IHC-P | 1:100-1:1000 |

Not tested in other applications.

Calculated MW 30 kDa. ([Note](#))

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 10% Glycerol |
| Preservative | 0.01% Thimerosal |
| 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 encompassing a sequence within the C-terminus region of human CLPP. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

Note

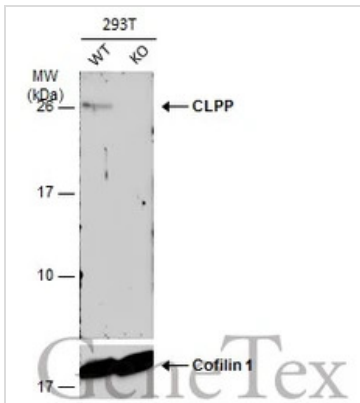
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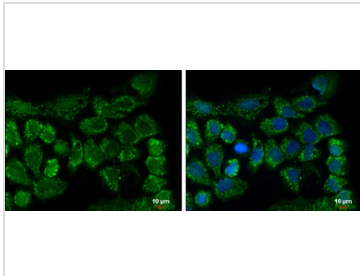
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DATA IMAGES



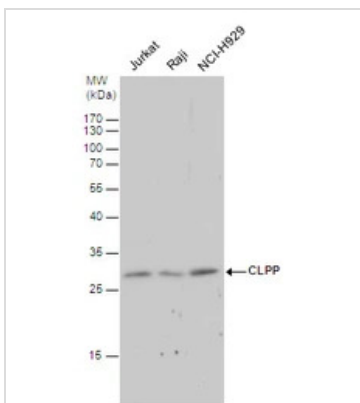
GTX104656 WB Image

Wild-type (WT) and CLPP knockout (KO) 293T cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CLPP antibody [C2C3], C-term (GTX104656) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



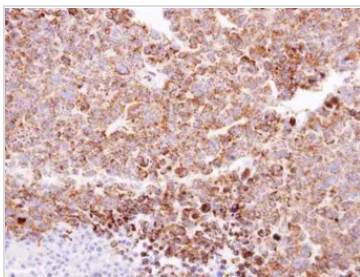
GTX104656 ICC/IF Image

CLPP antibody [C2C3], C-term detects CLPP protein at mitochondria by immunofluorescent analysis. Sample: A431 cells were fixed in 2% paraformaldehyde/culture medium at RT for 30 min. Green: CLPP protein stained by CLPP antibody [C2C3], C-term (GTX104656) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 µm.



GTX104656 WB Image

CLPP antibody detects CLPP protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CLPP antibody (GTX104656) diluted by 1:500.



GTX104656 IHC-P Image

Immunohistochemical analysis of paraffin-embedded H520 xenograft, using CLPP(GTX104656) antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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