

# USP7 antibody [GT481]

**Cat. No. GTX631108**

|                     |                |
|---------------------|----------------|
| <b>Host</b>         | Mouse          |
| <b>Clonality</b>    | Monoclonal     |
| <b>Isotype</b>      | IgG2a          |
| <b>Applications</b> | WB, ICC/IF, IP |
| <b>Reactivity</b>   | Human          |

References ( 3 )

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         |
| IP                 | 1:100-1:500          |

Not tested in other applications.

**Calculated MW** 128 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the N-terminus region of human USP7. The exact sequence is proprietary.                                                                                                 |
| <b>Purification</b>  | Affinity purified by Protein G.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

### Note

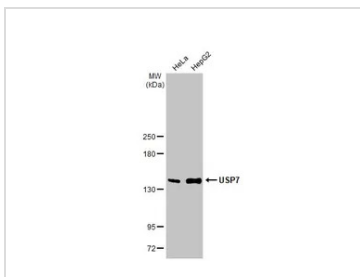
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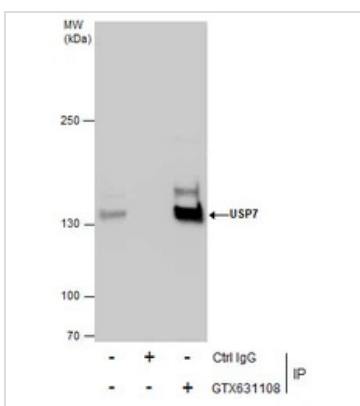
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## DATA IMAGES



### GTX631108 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with USP7 antibody [GT481] (GTX631108) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

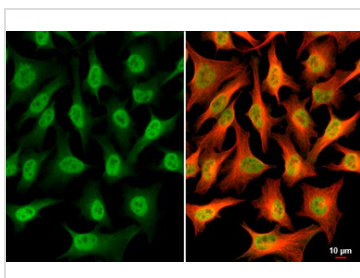


### GTX631108 IP Image

Immunoprecipitation of USP7 protein from HepG2 whole cell extracts using 5 µg of USP7 antibody [GT481] (GTX631108).

Western blot analysis was performed using USP7 antibody [GT481] (GTX631108).

EasyBlot anti-Mouse IgG (GTX221667-01) was used as a secondary reagent.



### GTX631108 ICC/IF Image

USP7 antibody [GT481] detects USP7 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: USP7 stained by USP7 antibody [GT481] (GTX631108) diluted at 1:500.

Red: beta Tubulin, a cytoskeleton marker, stained by beta Tubulin antibody (GTX101279) diluted at 1:1000.

Scale bar= 10µm.



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