

## IGFBP1 antibody

Cat. No. GTX129006

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

References ( 2 )

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 28 kDa. ( [Note](#) )

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| Preservative  | 0.025% ProClin 300                                                                                                                                                                                                         |
| 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 protein encompassing a sequence within the center region of human IGFBP1. The exact sequence is proprietary.                                                                                                   |
| Purification  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

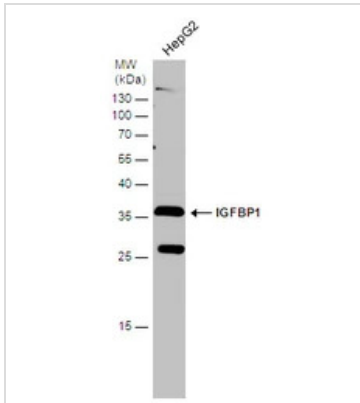
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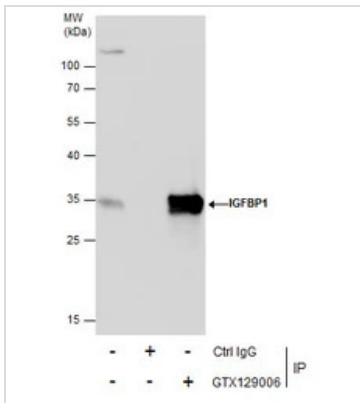
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DATA IMAGES



**GTX129006 WB Image**

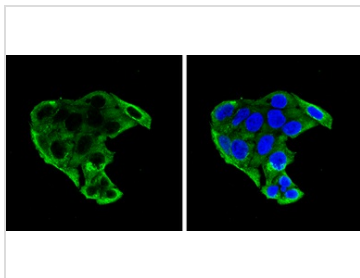
Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with IGFBP1 antibody (GTX129006) diluted at 1:1000.



**GTX129006 IP Image**

Immunoprecipitation of IGFBP1 protein from HepG2 whole cell extracts using 5 µg of IGFBP1 antibody (GTX129006).

Western blot analysis was performed using IGFBP1 antibody (GTX129006). EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



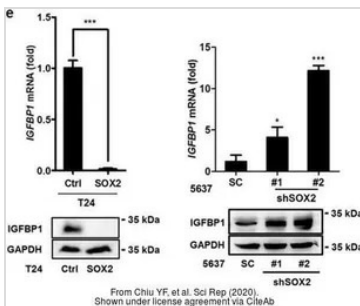
**GTX129006 ICC/IF Image**

IGFBP1 antibody detects IGFBP1 protein at cytoplasm and Golgi apparatus by immunofluorescent analysis.

Sample: HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: IGFBP1 stained by IGFBP1 antibody (GTX129006) diluted at 1:500.

Blue: Hoechst 33342 staining.



**GTX129006 WB Image**

The data was published in the journal Sci Rep in 2020. [PMID: 32427884](https://pubmed.ncbi.nlm.nih.gov/32427884/)



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