

# Fatty Acid Synthase antibody [GT325]

**Cat. No. GTX629629**

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

**Package**  
100 µl, 25 µl

## Applications

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:10000        |
| ICC/IF             | 1:100-1:1000         |

Not tested in other applications.

**Calculated MW** 273 kDa. ([Note](#))

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <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 Fatty Acid Synthase. The exact sequence is proprietary.                                                                                  |
| <b>Purification</b>  | Affinity purified by Protein G.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

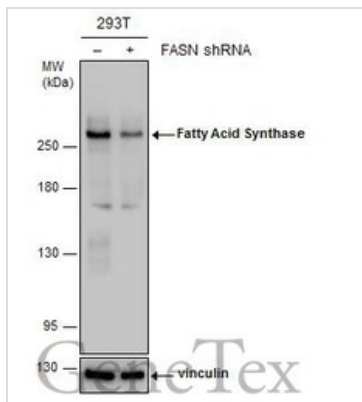
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

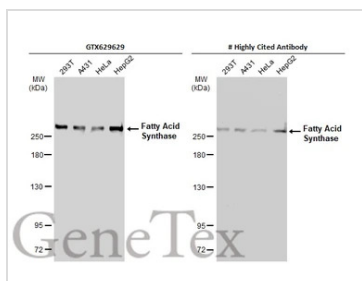
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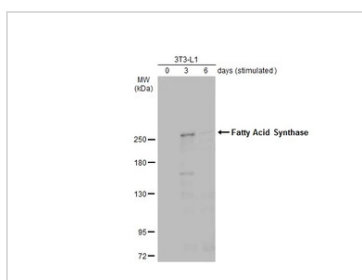
**DATA IMAGES**

**GTX629629 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Fatty Acid Synthase antibody [GT325] (GTX629629) diluted at 1:500.

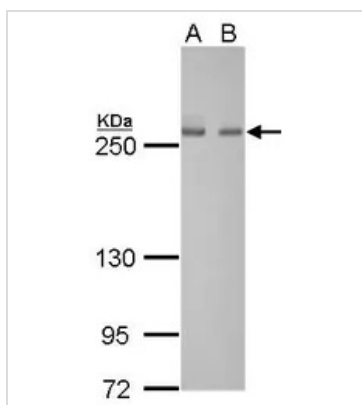

**GTX629629 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with Fatty Acid Synthase antibody [GT325] (GTX629629) diluted at 1:2000 and competitor's antibody diluted at 1:2000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX629629 WB Image**

Unstimulated and stimulated 3T3-L1 whole cell extracts (20 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Fatty Acid Synthase antibody [GT325] (GTX629629) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody. (The differentiation stimulated medium is composed by basal medium, 10% FBS, 50 µg/ml gentamicin, 1 nM L-glutamin, 500 uM IBMX, 1 uM dexamethasone, 2 uM rosiglitazone and 1 µg/ml insulin.)


**GTX629629 WB Image**

Fatty Acid Synthase antibody detects Fatty Acid Synthase protein by Western blot analysis.

A. 30 µg PC-12 whole cell lysate/extract

B. 30 µg Rat-2 whole cell lysate/extract

5 % SDS-PAGE

Fatty Acid Synthase antibody (GTX629629) dilution: 1:5000



For full product information, images and publications, please visit our [website](http://www.genetex.com).