

## Anti-DGAT1 antibody (263-278) (STJ28938)

STJ28938

### GENERAL INFORMATION

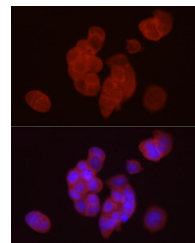
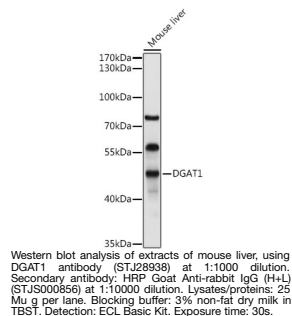
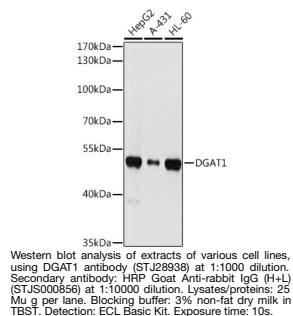
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/ICC/ELISA    |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

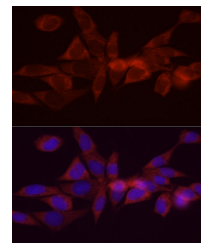
|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                          |
| <b>Clone ID</b>            |                                                                                                                                     |
| <b>Concentration</b>       | Lot specific                                                                                                                        |
| <b>Conjugation</b>         | Unconjugated                                                                                                                        |
| <b>Purification</b>        | Affinity purification                                                                                                               |
| <b>Dilution</b>            | WB:1:500-1:1000                                                                                                                     |
| <b>Range</b>               | IF/CC:1:50-1:200                                                                                                                    |
|                            | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                  |
| <b>Isotype</b>             | IgG                                                                                                                                 |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                      |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 8694                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>        | DGAT1                                                                                                                                                                                                                                                          |
| <b>Uniprot ID</b>         | DGAT1_HUMAN                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                                |
| <b>Immunogen Region</b>   | 263-278                                                                                                                                                                                                                                                        |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 201-300 of human DGAT1 (NP_036211.2).                                                                                                                                                       |
| <b>Immunogen Sequence</b> | HTILFLKFSYRDVNSWCRR ARAKAASAGKKASSAAAPH T VSYPDNLTYRDLYYFLFAPT LCYELNFPSPRIKRFLLR<br>RILEMLFFTQLQVGLIQQWM VPTIQNSMKPFKMDMDYSRII ERLKLAVPNHLIWLIFYW LFHSCLNVAELMQFGDREF<br>YRDWWNSSEVTYFWQWNWIP VHKWCIRHFYKPMRLRGSSK WMARTGVFLASAFFHEYLV S VPLRMFRLWAFTGMMMAQIP |



Immunofluorescence analysis of MCF7 cells using DGAT1 rabbit polyclonal antibody (STJ28938) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DGAT1 rabbit polyclonal antibody (STJ28938) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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