

Anti-DGAT1 antibody (Internal) (STJ71070)

STJ71070

GENERAL INFORMATION

| | |
|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Goat polyclonal antibody anti-DGAT1 (Internal) is suitable for use in ELISA and Immunohistochemistry research applications. |
| Applications | Pep-ELISA, IHC |
| Host/Source | Goat |
| Reactivity | Human, Mouse, Rat, Dog, Cow |

PRODUCT PROPERTIES

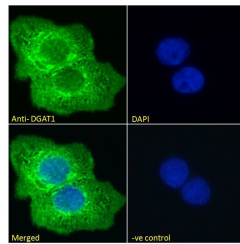
| | |
|----------------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | 0.5 mg/mL |
| Conjugation | Unconjugated |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Dilution Range | WB-0.01-0.1.0µg/ml IHC-3.75µg/ml IF-Strong expression of the protein seen in the endoplasmic reticulum and cytoplasm of A431 cells. 10µg/ml ELISA-antibody detection limit dilution 1:64000. |
| Formulation | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Isotype | IgG |
| Storage Instruction | Store at -20 on receipt and minimise freeze-thaw cycles. |

TARGET INFORMATION

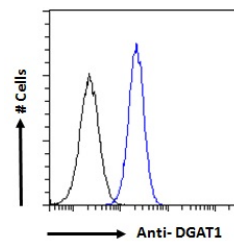
| | |
|---------------------------|----------------|
| Gene ID | 8694 |
| Gene Symbol | DGAT1 |
| Uniprot ID | DGAT1_HUMAN |
| Immunogen | |
| Immunogen Region | Internal |
| Specificity | |
| Immunogen Sequence | QNSMKPFKDMYDYS |



STJ71070 (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71070 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ71070 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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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