

## Product Datasheet

# DGAT1 Antibody



Catalog No: CY8171

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC

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### Information

**UniProt ID:** O75907

**All Names:** ARAT; ARGP1; C75990; Dgat; DGAT1; DIAR7; Diglyceride acyltransferase;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 48kDa

### Application

WB 1:1000~1:5000

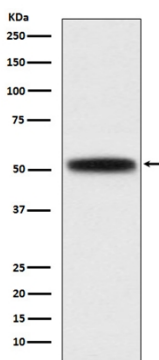
ICC/IF 1:50~1:200

IP 1:50

FC 1:60

### Background

Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. In contrast to DGAT2 it is not essential for survival. May be involved in VLDL (very low density lipoprotein) assembly.



Western blot analysis of DGAT1 expression in HeLa cell lysate.

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